

The
JUBILEE
INCUBATOR
COMPANY

INCUBATORS
AND BROODERS
POULTRY
SUPPLIES

Sunnyvale
California

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1905

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by



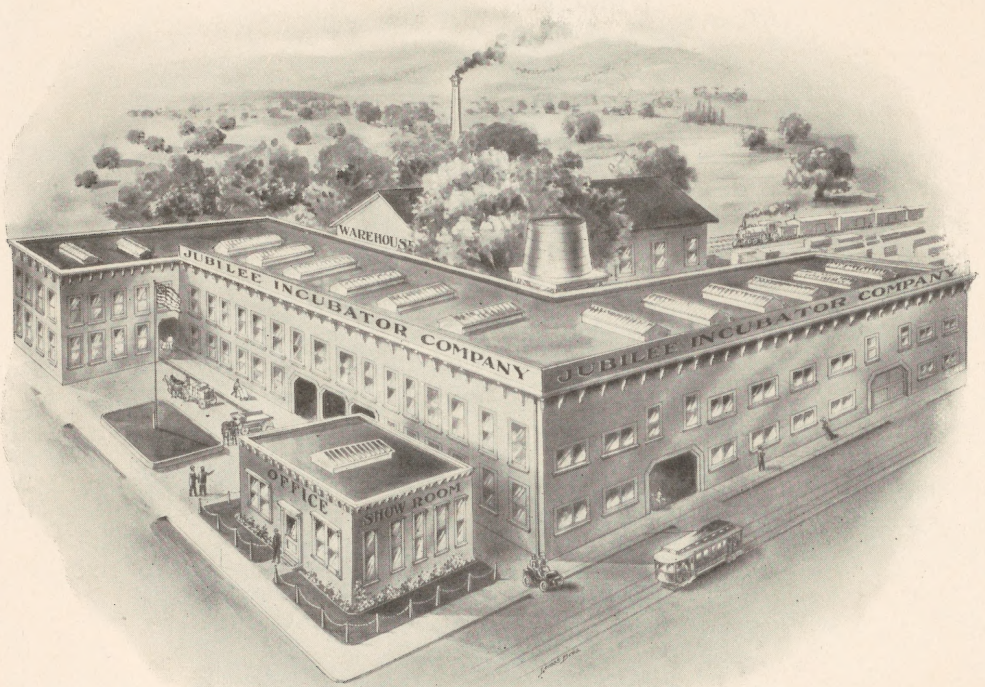
JUBILEE INCUBATOR COMPANY

Sunnyvale, Cal., U. S. A.

JUBILEE INCUBATOR COMPANY

Main Office and Factory

Sunnyvale, Santa Clara County, California, U. S. A.



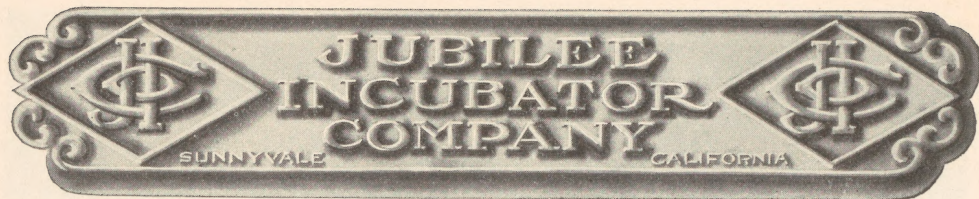
The Works of the Jubilee Incubator Company Sunnyvale, California

On the Overland Route of the Southern Pacific Railroad

Forty Miles South from San Francisco

One and One-half Miles from San Francisco Bay

AGENCIES THROUGHOUT THE PACIFIC COAST,
PHILIPPINE ISLANDS, AUSTRALIA, NEW ZEALAND, AND MEXICO



Annual Catalogue

OF THE

Jubilee Incubator Company

Manufacturers of

The Jubilee Incubator and Brooders

and Jubilee Poultry Houses and Fixtures

Also Manufacturers of and Dealers in the

JUBILEE BRANDS OF POULTRY FOODS, SPECIALTIES, AND

BALANCED RATIONS, POULTRY APPLIANCES,

REQUISITES AND SUPPLIES OF EVERY

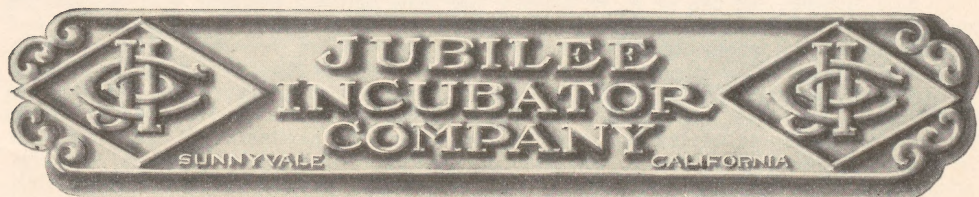
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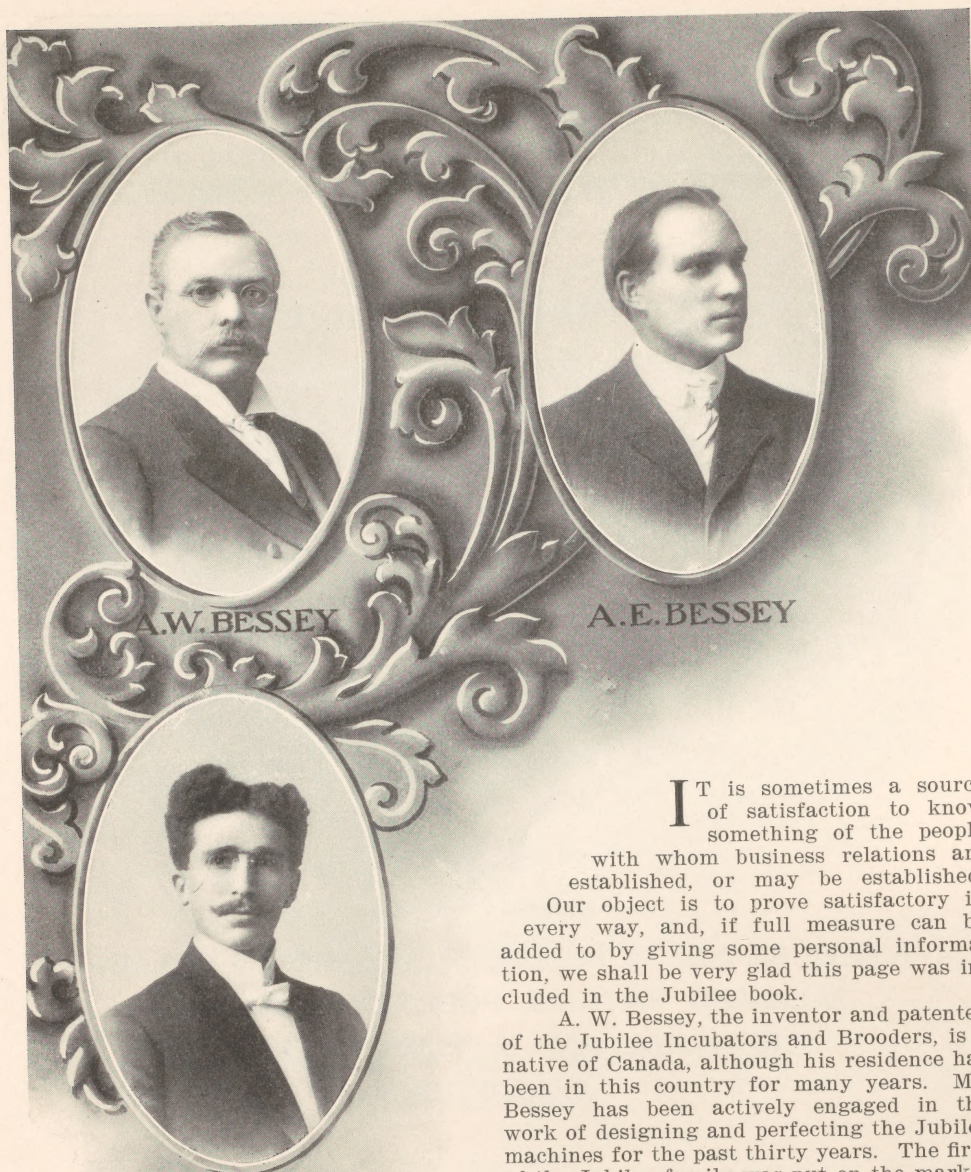
JUBILEE INCUBATOR COMPANY

SUNNYVALE, CALIFORNIA

U. S. A.



MAN
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491
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1906



A.W. BESSEY

A.E. BESSEY

F.D. CORNELL

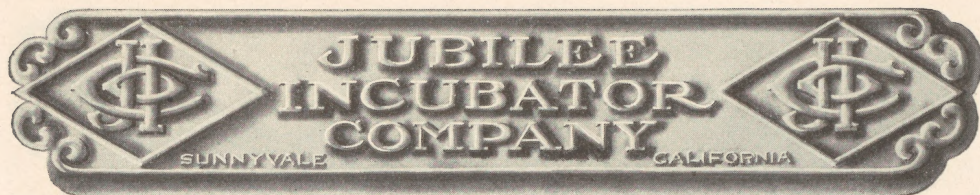
IT is sometimes a source of satisfaction to know something of the people with whom business relations are established, or may be established. Our object is to prove satisfactory in every way, and, if full measure can be added to by giving some personal information, we shall be very glad this page was included in the Jubilee book.

A. W. Bessey, the inventor and patentee of the Jubilee Incubators and Brooders, is a native of Canada, although his residence has been in this country for many years. Mr. Bessey has been actively engaged in the work of designing and perfecting the Jubilee machines for the past thirty years. The first of the Jubilee family was put on the market in 1879, and first exhibited on the occasion of the Queen's Jubilee, Toronto, Canada, held in that year, and from that time to the present day his one crowning thought has been "Jubilee." Mr. Bessey devotes his time to experimental work and designing, always seeking something better, something more

perfect, if, indeed, that be possible. Every detail of the construction of the Jubilee machines and Specialties is under his care, and when he inspects a machine it is surely right, and fit to bear a Jubilee label.

A. E. Bessey, the son of A. W. Bessey, has been actively engaged with the Jubilee since boyhood. He is right-hand man to Mr. Bessey, Sr., and aids in the designing and production of new goods, and is also mechanical expert for the whole Jubilee works. Mr. Bessey, Jr., also has general supervision over the several departments of the factory.

A manufacturing business such as this is logically divided into three departments—buying the materials, making the goods, and selling the product. Mr. Cornell devotes himself exclusively to buying the material and selling the product. All the office work is under his personal direction—advertising, printing, correspondence, sales, agencies, purchasing, auditing, and disbursements. Mr. Cornell is a native of Nebraska, a Californian by adoption, and a rustler by nature. August 1, 1905, witnessed the close of his second year with the Jubilee Company.



Introduction

THE Jubilee business is still growing, in fact it seems to have taken courage and is going ahead at a tremendous rate. The rate of increase for the year of 1904-05 was two and one-third times the volume of business done the year preceding, and the Jubilee Company is now enjoying a business four times as great as two years ago, and when the next annual catalogue is written we feel confident that we can say that the volume of business for the season of 1905-06 will be at least double that for 1904-05, or eight times greater than that for 1902-03.

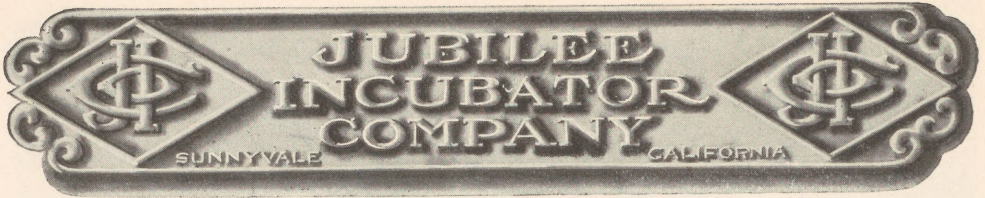
This extremely satisfactory condition is attributable to three things. First and foremost, the great kindness of our customers toward us in recommending the Jubilee products to all neighbors and friends; secondly (and indeed this is, and always must be the foundation of success), the superiority of the Jubilee products; and thirdly, our desire and endeavor to treat every customer fairly and to give the greatest value for every dollar paid us.

In our new location we will be most admirably situated to handle a tremendous volume of business: Three acres available, with 780 feet of frontage on our private switch; 20,000 feet of factory floor, and in addition ample warehouse, show-room and office facilities. We can handle goods at less expense than any other concern, and are prepared to satisfy any demand, and promptly. Up to this time we have been pushed *with* business, now we think we are in a position to push *for* business. We will be able to produce four times as many Incubators and Brooders as sold in the past season, and can produce great quantities of Specialties, Foods, and Supplies. By buying right we can sell right, that means an advantage to you individually, and we trust we may hear from you very often.

Write us, rely on us, deal with us.

Sincerely,

JUBILEE INCUBATOR COMPANY



The Evolution of the Jubilee

THE engraving accompanying illustrates the different forms assumed by the Jubilee Incubator in its evolution. After several years of research and experimenting by the inventor, the first in the series of Jubilees was offered to the public in the year 1879. The machine was known as the Canadian Climax Hatcher, and was made in St. Catherines, Canada. The first machines were regulated by electric batteries, but this method proving impractical in the hands of all users, a better means was sought for. Every known means of heat regulation applicable to the artificial incubation of eggs has been carefully and searchingly tested, and after twenty-four years we have not found a better means than the Jubilee Thermostatic Bar, which, in conjunction with our patented Jubilee boiler, gives us the best incubator in every conceivable particular that the world has ever known.

Every device for heating and regulating, all manner of attachments, supposed conveniences and special contrivances have been tested, and where their use seemed proper they have been adopted. With use we ascertained the defects, and each machine put into the hands of poultry breeders served as an object lesson for further improvement. In this process of testing, elimination, and improvement we have used: hot-air systems, hot-water pipe systems, hot-water tank systems, the diffusion system, non-moisture system; we have used all manner of regulators, bars, wafers, electric batteries, chemicals, etc., etc.; we have used lamp trips, many special burners, all manner of boilers and heating contrivances; in fact, if there is any system or contrivance which we have not tested, we are not aware of it.

We found we had made a great mistake in trying to make a cheap hot-air incubator; we found that we always made mistakes when we favored cheap contrivances and cheap construction. We learned our lesson, and learned it well, consequently we turned every endeavor toward quality and simplicity. Our aim has been to produce machines that would prove practical and successful in all cases, under all conditions, and with all people, and, as we have an army of satisfied customers, with not a single dissatisfied one, we feel we have accomplished our purpose.

It requires long experience and hard-bought knowledge to enable any person to build incubators. Not five per cent of all the incubator manufacturers of the world understand thoroughly the problems they are trying to solve. They make incubators, and hundreds of thousands of them! and they sell them the world over; some of the machines are good, some fair, and the majority indifferent. They are made without the knowledge of what is good and what is bad; they adopt the first means at hand, which, perhaps, is the cheapest method, build their

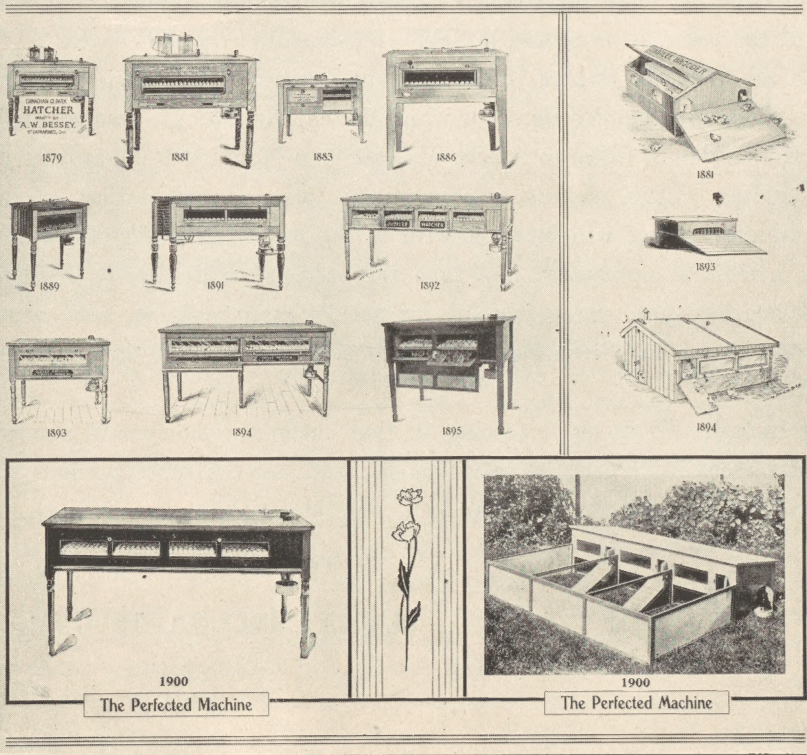
incubators, and sell them through sheer force of advertising. They claim for them what no person can well expect from an incubator, hence it is no wonder thousands are disappointed.

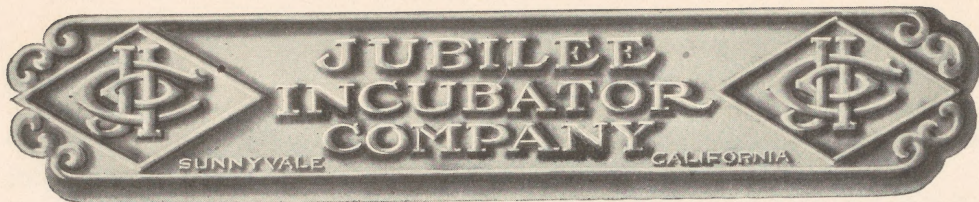
We include this in our catalogue that all may know that we have originated all that our Jubilee machines include. We know every incubator as well as we know the Jubilee. In fact, we know our business from the primer to the diploma, —twenty-six years of application have taught us more than could be learned in fifty years of theoretical study.

1879—Electric batteries; packed case; hot air. 1881—Electric batteries; improved ventilation; hot air. 1883—Improved regulator; electric attachment; tight doors; cheap construction. 1886—Cheap model; hot-air construction; valve lift. 1889—An improvement on the 1886 model; still hot air. 1891—Lamp-trip regulator; since discarded as worse than worthless. 1892—Getting better and better, reaching the business stage. 1893—The "diffusion system" here tested, and discarded as impractical and unworthy. 1894—Notice the nursery drawers; discarded as a positive menace to good results. 1895—Here we are getting down to the modern Jubilees; you can recognize the model. 1900—"The business machine of the world;" hot water, self-regulating, absolutely reliable, positive in results,—a thorough Jubilee. 1905—The still later models have some wonderful improvements,—improved ventilation, a revolution in moisture application; the ideal realized.

Below will be found each step in the evolution of the JUBILEE since its origination twenty years ago

In these successive types will be found an adaptation of every meritorious device or principle, all of which have by test been found inferior to the IMPROVED JUBILEE. Many of these systems and devices are now offered as "new" by ambitious manufacturers.





Fair Warning.

WE call the attention of our readers to a few extracts from the "Patent Laws of the United States" dealing with the question of infringement.

"A patent for a machine is infringed by him who, without ownership, or license, makes or uses, or sells any specimen of the thing covered by any claim of that patent.

"Whoever infringes any one claim of a patent infringes the patent, whether or not it contains other claims which he does not infringe.

"Any infringement renders such individual user responsible for all consequences of such unlawful use, and liable to prosecution therefor."

It can be readily seen that any buyer or seller, any maker or user of a patented machine, which is bought, sold, made or used without the consent, permission, and license of the patentee or owner, is liable to prosecution in the courts.

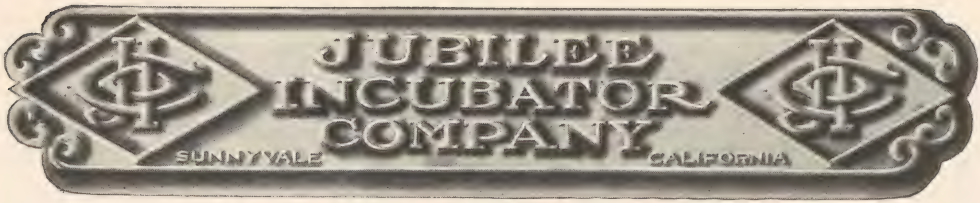
We are the sole owners, proprietors and users of the devices used in our Jubilee Incubators and Brooders, for which Patent No. 638,168 was granted by the United States Patent Office to Albert W. Bessey on Nov. 28, 1899, and we warn all parties buying, selling, making or using incubators or brooders that infringement in the slightest degree will be dealt with to the fullest extent of the law.

All machines represented as "Like the Jubilee" with devices including the slightest adaptation of our patent are unlawfully manufactured, sold, bought and used, and all persons becoming a party to such unlawful action are subject to prosecution.

We include this in our catalogue so that customers may guard against unintentionally becoming a party to infringement, and also that unscrupulous manufacturers may fully know our rights and our determination to protect them.

Sincerely,

JUBILEE INCUBATOR COMPANY



THE JUBILEE INCUBATORS

THE Jubilee Incubators are radically different from all other Incubators. They are constructed on a different principle, with the same idea in view it is true, but a different method is followed to gain results. The Jubilees are made from infinitely better materials than any other machines, more materials are used, and the whole cost of construction is a great deal more than for any other machine.

When investigating a question it is well to know all claims, then sift each claim to the last word, and draw conclusions from the results. Our object is to convince you, absolutely and forever, and we want to begin at the beginning and fight the question out on its merits, a single issue at a time, the whole issue to summarize.

The Jubilee Incubator is the best Incubator in the world, because:—

Its underlying principle is correct.

Its construction is faultless. Only the best materials obtainable are used; skilled mechanics are employed in its manufacture, and no effort or expense is spared to produce a flawless, perfect incubator, consequently we produce only the best.

Its finish is superior to any make of incubator on the market. It is an elegant piece of furniture and may well grace a living room.

Its record is unapproached.—The Jubilee has proved its vast superiority in the hands of thousands of practical operators. It has replaced and is replacing incubators of every known make. Where the Jubilee is known the Jubilee is used. The reason why is very simple: by test it proves a vastly more practical machine, giving greater and more certain results.

We do not want you to believe that the Jubilee is the only incubator that will hatch eggs. It is highly improbable that any manufacturer would offer a machine for sale until it had proved a partial success. The demand the Jubilee is supplying is for a machine that will do all that is claimed for it, in all places, at all times, and under all varying conditions.

Every incubator manufacturer will tell you that his particular incubator is the best in the world; they may give their reasons and they may not, again the reasons may be good, or they may not be good. We know the Jubilee is the best incubator ever produced,—we will give you our reasons all through this catalogue,—you shall be the judge.

First. We have been building incubators for twenty-four years. We have had experience, we have profited by it and have not neglected to make any alteration, or add any improvement, which would make the Jubilee more simple, more certain, or more practical in the hands of the experienced or the inexperienced.

Second. Our customers without exception, declare the Jubilee superior to all other incubators ever used. Practically all other incubators come under this head; indeed, some of our customers have used as many as seven different makes, with the result that the Jubilee has proved vastly the best machine.

Third. We do not know of a single instance when a customer having used a Jubilee did not purchase the second and third and fourth if more machines were needed. The Jubilee is replacing all makes, but is being replaced by none.

The Construction

IF a person is contemplating the purchase of an Incubator it is an actual duty to investigate with the greatest care and thoroughness before making a selection. There is nothing on which the success of a poultry business is dependent to so great an extent as on the selection and use of the incubator. If you are interested, are in earnest, and really want to know, simply drop everything and read this discussion straight through. Don't stop, don't brook interruption,—read it, and then read it again. If there is the slightest thing not perfectly clear, write us and we will make it clear. For our mutual good and benefit we ask careful, close, and undivided attention.

Under the head of "Construction" we will deal in detail with the construction of the Jubilee Incubators, will explain *just how* they are made, *of what* materials, *and why*. There will be nothing left unsaid, nothing vague, nothing confusing. We tell every detail and you should know every detail. We will explain the real problems of artificial incubation, how we have met these problems, overcome them, and finally perfected the Jubilee. If we don't make it interesting you may send the book back and we will beg your pardon for having encroached upon your time. Until you have finished we demand your attention.



108-Egg

Jubilee

**For the
Fancier,
the Family,
and Small
Producer**

Price \$22.00

The Case

The material used to construct the case of the Jubilee is first grade, clear, California redwood, there being less shrinkage to seasoned redwood than to any wood known. The case is double, both the inner and outer cases are of the same material, one inch thick and of the finest quality. No scraps are used in the Jubilee, even where it is impossible for the customer to detect it.

The doors are fitted with double lights with air space between, and are strongly hinged to the case.

The top is constructed of the finest quality of redwood, one inch thick, beaded and appropriately finished with molding.

The legs are turned from clear Oregon pine, heavy and strong, and are securely fastened to the body of the machine with round-head blued screws; the legs extend to the top of the case and are finished with molding. The Oregon pine, being lighter in color, makes a pleasant contrast with the darker redwood case.

The whole of the egg chamber is carefully lined with heavy wool felt, which is then covered with a non-absorbent paper, which paper prevents the absorption by the walls of the chamber, of the carbonic gases thrown off by the growing chicks; hence the egg chamber can always be kept sweet and clean.

On account of the double casing and heavy lining, the egg chamber is amply protected and insulated, should an accident occur to injure the outer casting of the machine.

The entire case is finished with successive coats of the best filler and varnish. This finish is very durable and attractive, and effectively closes all pores in the wood and seals all joints. We find this finish vastly superior to any stain we could employ.

The Heater

The Jubilee heater consists of a lamp, a compound boiler, and a coil of pipe encircling the egg chamber.

The tubular, compound, copper boiler is inclosed at the right hand end of the machine. The boiler is filled with water through the expansion cup; very little water is required even in the larger sizes. The heat from the lamp rises and makes a double turn around the boiler before passing out through the flue extending through the top of the machine, thus compounding the heat, making every part of the boiler "heating surface" and heating every part alike. The water being heated rises and passes swiftly through the coil of pipe in the egg chamber, makes the circuit and returns to the boiler to be reheated. The water circulates with remarkable speed, owing to the compounding of the heat. This compounding of the heat makes it possible for the egg chamber to be heated in a remarkably short time with a small consumption of oil and a small flame applied to the boiler.

When the egg chamber reaches the required temperature the regulator responds to the influence of the heat, and the valve is raised from the top of the flue,—the heat now has a direct escapement, the circulation of water is retarded and the radiation of the heat in the egg chamber is thereby lessened. In addition to the retarding of the circulation a reverse operation automatically takes place. A current of colder air from the outside atmosphere is drawn through the indirect escapement, circulates around the boiler and aids in checking the applied heat.

When the outside temperature causes the temperature in the egg chamber to decrease, the regulator responds to the change and the valve immediately descends, the direct escapement is closed and the heat seeks the indirect escapement, thereby compounding the heat, increasing the circulation in the pipes and increasing the radiation of heat in the egg chamber, thus regaining the degree of heat necessary.

The exact balancing of the conditions, and the maintaining of an exact degree of temperature will be explained under "The Regulator."

It can be readily seen that by the use of the Jubilee boiler and the Jubilee regulator it would be impossible to overheat or "cook" the eggs unless the temperature of the room in which the incubator is placed is hot enough to overheat or "cook" them.

The Jubilee boiler is placed in the right hand end of the incubator and is inclosed in a chamber by itself, called the boiler chamber. It is so placed for two reasons:—

First. In order that the outside air may have no effect on the boiler. This point is worthy of special consideration for use in a place subject to sudden changes. It also guards against the ill effects of draughts of cold air.

Second. It is so placed in order that air entering the egg chamber must first pass through the boiler chamber, and must be of the same temperature as the air in the egg chamber since the same agency furnishes the heat required. Thus a uniform supply of fresh, warm air is continually circulating through the egg chamber. The vast superiority of the Jubilee ventilation will be explained under "Ventilation."

You may imagine the power of the Jubilee compound boiler when but a single burner is required in the largest Jubilee machines. The 1,000-egg Jubilee is operated with a single boiler, although a double burner is used to insure a small flame with perfect combustion. The 500, 324, 216, and 108-egg size Jubilee have a single boiler and a single burner. The saving in oil is very great where the large Jubilee machines are used. Other manufacturers make a so-called large incubator, but in truth it is simply two or more small machines placed back to back, end to end, or one above the other,—each machine with its own boiler, and own lamp. Such machines can not justly be called large-sized incubators.

216-Egg Jubilee

A Favorite Size for Small Plants

Price \$32.00



The Regulator

The improved Jubilee Regulator is the most simple, the most sensitive and the most durable of any regulator in existence. It will not stick, as there are no joints to catch; it plays perfectly free and when the heat of the egg chamber reaches the degree to which it is regulated the expansion of the regulator causes a balanced valve to raise off the escape flue. This allows the heat direct escapement, the circulation is retarded, and the radiation of the heat in the egg chamber decreased,—all this allows just sufficient heat radiated from the pipes to keep the temperature of the egg chamber at the desired degree. When outside influences tend to decrease the temperature of the egg chamber the regulator instantly detects the influence, the valve is allowed to close the direct escape, the heat of the lamp is then forced through the indirect route, the boiler is once more utilizing the entire heat of the lamp, the water in the pipes sets up a quicker circulation, which in turn imparts additional heat to the atmosphere of the egg chamber.

Please understand this see-saw as described above is not in operation the whole time the machine is in use. This is a mistake often made, and we will explain how, with the use of the Jubilee devices and their perfect application, the temperature can be regulated absolutely, without change and without variation. The Jubilee Heater is so constructed that the valve can lift from the top of the flue a very little way, or completely open the flue, depending upon the action of the regulating bar in the egg chamber. If the valve is raised but a very slight distance it will allow a portion of the heat of the lamp to escape by the direct escapement, the remainder of the heat will be compelled to escape by the indirect escapement. In this manner part of the heat of the lamp is utilized and part is allowed to escape direct. The part utilized is just enough to cause a circulation of the hot water sufficient to radiate the amount of heat required to maintain the necessary degree of temperature in the egg chamber. If the cooling influence exerted by the atmosphere outside of the machine is decreased, the regulator opens the valve a trifle wider and a trifle more of the heat is allowed to escape direct; on the other hand, if colder currents of air come in contact with the machine the regulator drops the valve a trifle more, thus utilizing more of the heat of the lamp.

This balancing is permanent, and the temperature of the egg chamber will remain perfectly steady without varying a hair's breadth. This fine control of temperature is an absolute necessity of artificial incubation and is perfect in the Jubilee.

The regulator itself is a thermostatic bar placed in the egg chamber on a level with the egg trays,—thus regulating the heat on a level with the eggs. The regulator can be adjusted to maintain any required temperature by simply turning the nut on the connecting rod passing through the top of the machine and connected to the valve lift, or lever.

We would have no regulator worthy of the name if we used the thermostatic bar alone. The thermostatic bar in connection and in combination with the Jubilee tubular, compound boiler forms a regulator that is perfect. Neither would be perfect without the other; neither would be a success without the other. The Jubilee boiler with its unequalled power to heat the water almost instantly, and its equally unequalled power to set in action a reverse operation instantly, coupled with the peculiar and perfectly adapted sensitiveness of the bar, forms a regulator that can be relied upon as perfect for many, many years.

The Jubilee Regulator is simple, durable, and absolute in its operation.

We would suggest that you read the "Questions and Answers" concerning heaters, regulators, etc.

The Ventilation

Ventilation is one of the problems of successful artificial incubation. In the Jubilee system of ventilation is found a perfectly satisfactory solution to the problem. It is correct in theory, and, more important still, it is correct in practical operations.

The Jubilee is ventilated by means of pure, fresh air entering at the bottom of the boiler chamber, where it comes in contact with the outer jacket of the heater. As it becomes warmed it rises, circulating around the heater, it becomes heated to the same temperature as the atmosphere of the egg chamber. The warmed, fresh air passes over ventilators into the egg chamber, where it is evenly distributed and drawn down through the egg trays and up through air passages, and finally discharged through the ventilators at the end of the incubator. These ventilators are fitted with sliding covers, by means of which the operator controls the amount of ventilation admitted to the machine. With the ventilators open the ventilation is full; with the ventilators partly closed the ventilation is retarded; and with the ventilators closed just sufficient ventilation is admitted to keep the air from packing and becoming foul.

It is sometimes necessary to have the fresh air pass rapidly through the egg chamber in order to dry down large, freshly laid eggs; while in another instance rapid ventilation would be an actual detriment to the eggs. It is obvious that to obtain the best results in all instances it is necessary for the operator to have absolute control of the ventilation. Control of ventilation is not possible in hot air machines, and this point alone is a mighty argument in favor of the Jubilee system.

We suggest that you read "Questions and Answers" for further information on ventilation.

The Moisture

The subjects of moisture and ventilation are so closely connected in their effects upon the incubation and hatching of eggs that they must be regarded as one subject. That moisture is an absolute necessity at certain stages of the incubation can not be denied by a reasonable and rational person who has conscientiously studied the subject.

The moisture problem is a knotty one, and it is much simpler and perhaps more profitable for manufacturers to decry the necessity of moisture than it is to study the question and solve the problem practically.

The Jubilee system of applying moisture is the most perfect ever devised. The boiler chamber is provided with a special moisture pan, which derives its heat from the Jubilee boiler which the boiler chamber incloses. By means of a feed cap and a draw-off tube it is possible to withdraw the last atom of moisture, or in five minutes' time increase the moisture to saturation, and more important still, all this is accomplished without opening the door of the egg chamber or exposing the eggs in any manner. Moisture by evaporation is not sufficient in all cases, it can not be increased or removed



entirely, as circumstances may demand, without the necessity of opening the door of the egg chamber. The stage of the incubation when moisture is the most needed is at the time of pipping and hatching, and this stage is the most critical period of the incubation and the stage when the door of the egg chamber should not be opened under any circumstances. It was necessary to commit one fault in order to remedy another. With the Jubilee system both faults—opening the door at time of hatching and lack of moisture—are guarded against.

The Lamp and Burner



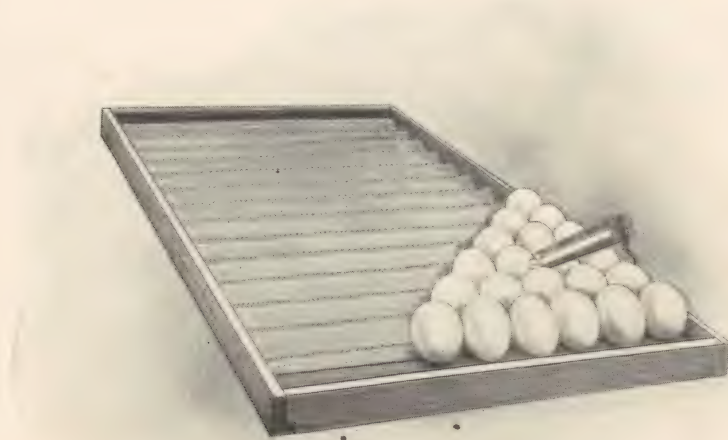
The lamps furnished with the Jubilee Incubators and Brooders are made of heavy galvanized iron, and are fitted with "Sun-Hinged" burners, acknowledged to be the best burner for the purpose ever manufactured. The wick can be cleaned, the lamp filled and replaced, without removing the chimney from the burner. The chimney is made of sheet-iron, painted with black enamel, and fitted with a mica window, so the flame can be readily seen. The whole lamp is very durable and serviceable, and we have never yet been asked to replace one.

Many manufacturers advertise "non-explosive" burners to be used with their machines. The very fact that a machine requires such a burner condemns it as unsafe. The slightest carelessness will cause dire results.

A small flame with perfect combustion is what we prefer. "Questions and Answers" will tell you more about burners, systems of heat, combustion, etc.

The Egg Trays

The Jubilee egg trays are framed from heavy molded spruce; the bottom of the trays on which the eggs rest are made of heavy wire cloth, with shaped corrugations to hold the large end of the egg slightly elevated, thus allowing the chick's head to form in the large or air-cell end of the egg. If the head is



allowed to form in the small end, the chick will have difficulty in freeing itself at the time of hatching, and will probably smother.

We do not use and can not recommend egg-turners of any description, or any "extra-tray" method of turning the eggs. The eggs in the Jubilee machines are turned by hand, and are turned as they should be turned. The Jubilee trays are strongly constructed and are very durable, yet light in weight and easily handled.

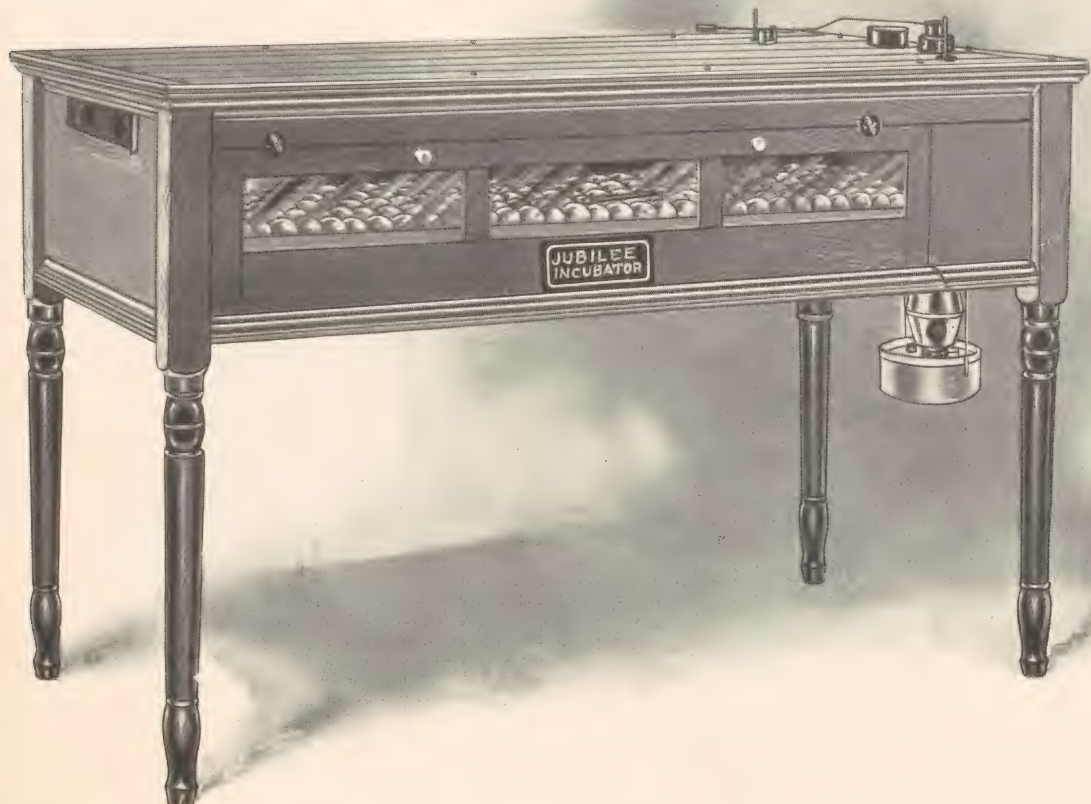
Our reasons for not using "turners" and "extra trays" will be found in "Questions and Answers."

The Nursery

Between the end frame of the Jubilee egg trays and the wire cloth forming the bottom of the trays is found a space not covered by the wire cloth. As the chicks emerge from the cell, they are attracted by the light, and make their way forward to the front of the machine, and fall through this opening into the nursery below the egg trays. The chicks dispose of themselves as fast as hatched and can not trample over the pipped eggs or annoy the chicks just emerging from the shell. The heat of the nursery is several degrees lower than the heat on a level with the eggs and is just the right temperature for the comfort of the chicks. No light enters the nursery excepting the light coming through the bottoms of the trays; and is therefore quite dark, and the chicks lie comfortably in the

324-Egg Jubilee

Price \$40.00

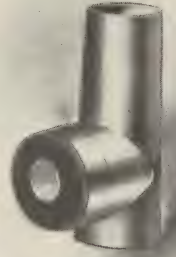


nursery, fluff up, and grow strong. The chicks should be left in the nursery until the hatch is fully completed. Do not remove any of the chicks during the hatch; they are much better off in the nursery.

The advantages of a nursery are great, and the value of a thoroughly practical nursery can not be overestimated.

It is impossible to make a successful incubator, practical under all circumstances and conditions, unless a thoroughly good nursery is provided in connection. If it is expected to raise the chicks after they are hatched, it is necessary that they lie perfectly quiet for some time after coming from the shell. It is a mistake to take chicks from the machine during the hatch; it not only endangers the chicks removed, but it endangers all the chicks remaining in the shells partially pipped. On opening the door a current of cooler air is admitted; this cool, dry air serves to dry and tightly stick the membrane of the egg to the chick just struggling to free itself. The result is that many stick fast and die struggling.

The Jubilee nursery is a perfect nursery; not in theory alone, but in practical operation as well.



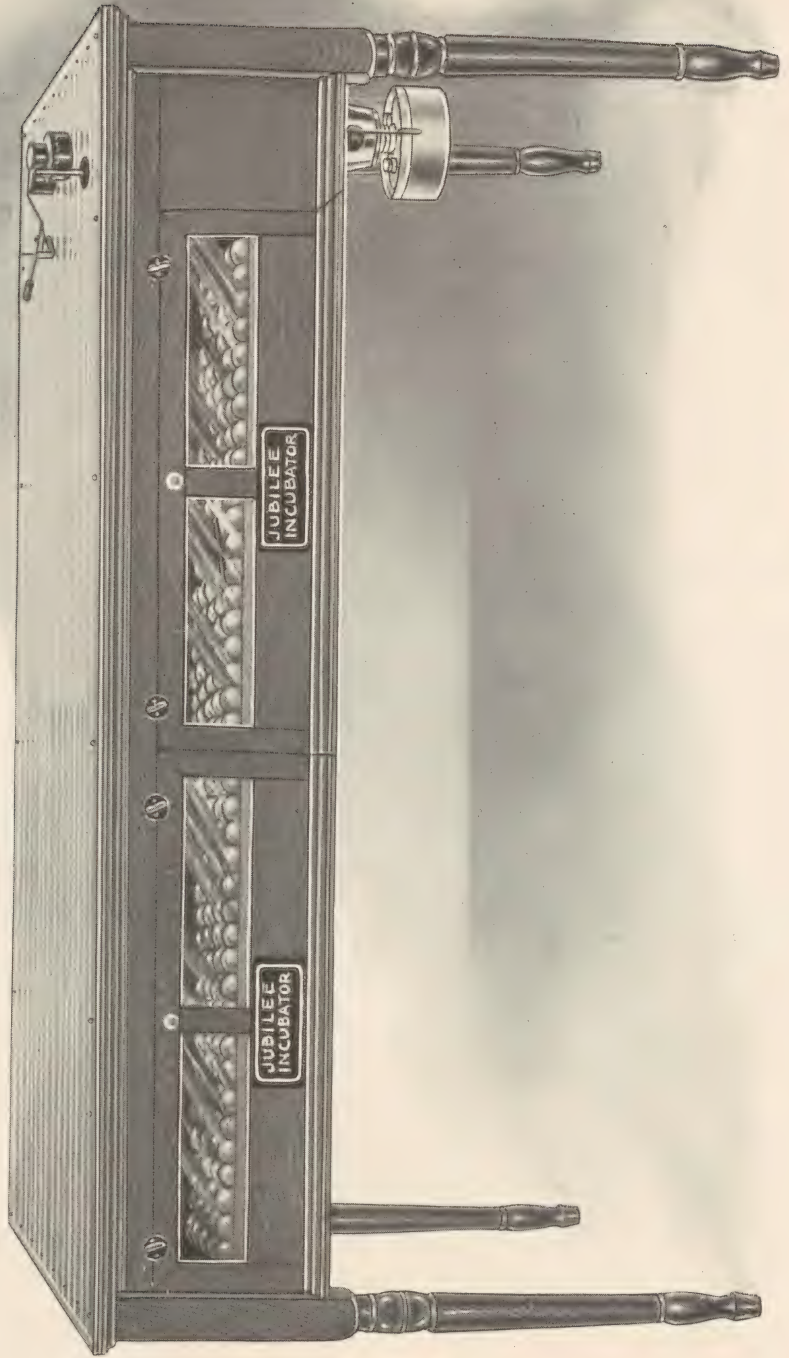
Summary

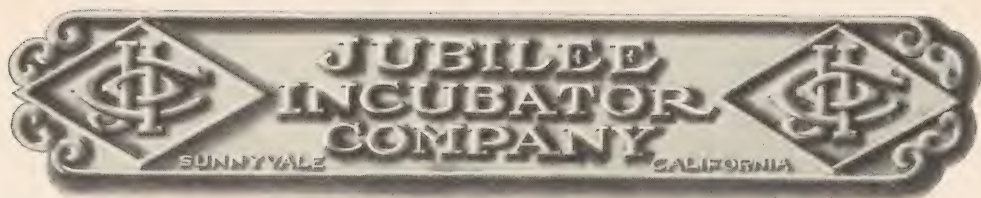
IF every user and prospective user of incubators and brooders thoroughly understood the essentials of a perfect incubator, thoroughly understood what they have a right to expect for their money, there would be fewer failures and more Jubilees. People as a rule do not want to think for themselves,—they will not investigate and search for reasons. They want others to give their reasons, and they accept them. The English language has been exhausted in writing eulogies and in singing the praises of all kinds of incubators,—good, bad, and indifferent. If a person does not *know* what he should expect, how can he *know* that he gets the best, and gets the most for his money?

Every person who will carefully consider, who will think and reason, can not fail to understand the many reasons why the Jubilee is the best and most practical machine in existence, and the only machine that any person wishing to get the maximum of profit from poultry can afford to use. It costs little and returns you much.

The greatest factor in the success of any poultry business is the incubator. If every other thing was the best to be desired, and the incubator was not right, the whole structure would be weak,—weak in the foundation. The incubator is the start, the nucleus, and a poor machine will handicap a poultryman even as a heavy mount and a false start will handicap a racer in a trial of speed. And for the same reason that some men can succeed with heavy handicaps, some poultrymen can succeed with poor machines, but, if that poultryman was *not* handicapped, his success would be much greater. If you can succeed *without* a Jubilee, your profits will be much greater *with* the Jubilees.

The Business Incubator
504 Egg Jubilee
Price \$50.00





The Business Machine

California has the proud distinction of producing the original and only "Business Incubator." The 500-egg Jubilee, called by our customers and friends "The Business Machine of the World," is indeed worthy of the name. There never has been an incubator manufactured responsible for so much profit to the producer of poultry as the 500-egg Jubilee.

To begin with, its capacity, 504 eggs, makes it the cheapest machine in the world for the price,—\$10 for each 100 eggs capacity, and all heated by one lamp, and attended to as easily and practically as quickly as an incubator holding one-fourth the number of eggs. It is economical in purchase, economical in operation, and wonderful in its results. The result of its fame brings the Jubilee Company orders for thirty per cent more of the 500-egg size than for any other one size manufactured, even in spite of the large export shipments of the smaller sizes.

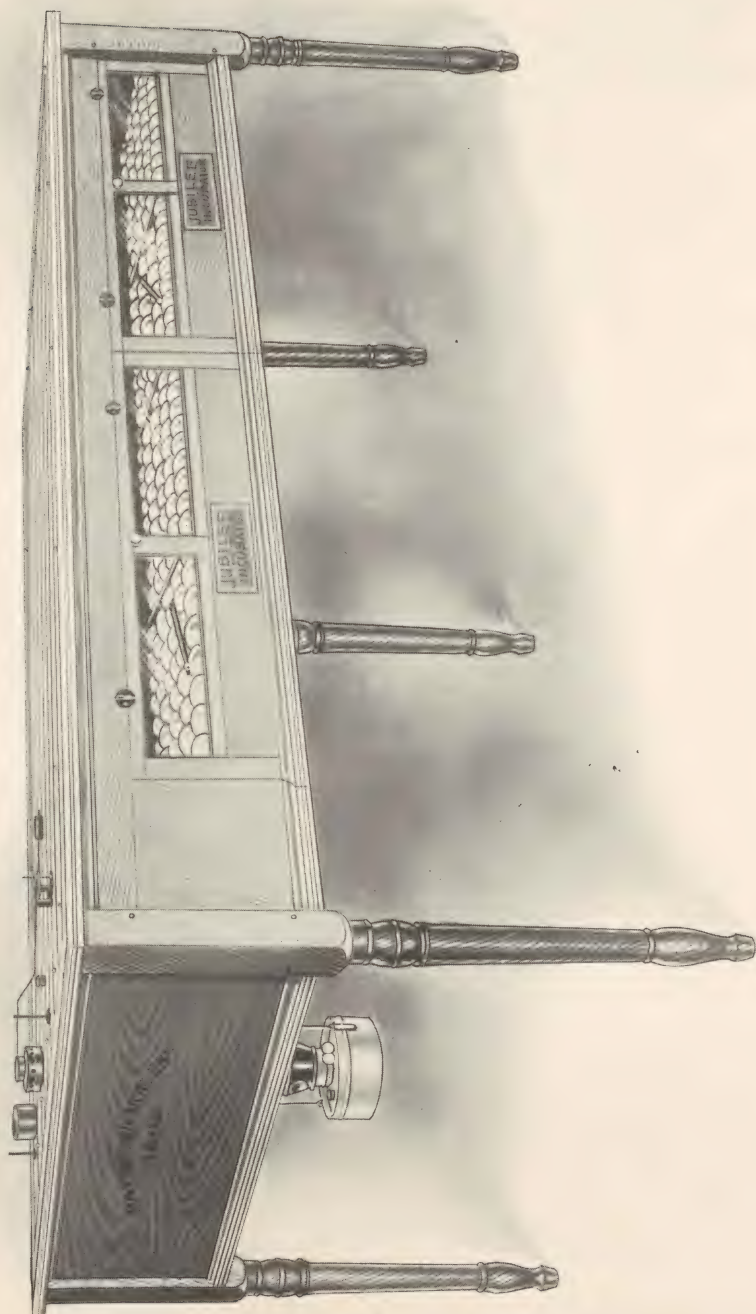
Poultry centers like Petaluma, Corning, Hollister, Fresno, and other points where poultry production has reached a large scale, order the 500-egg machines almost exclusively,—Petaluma orders them by dozens and scores, and the intending purchaser can well believe that the 500-egg Jubilee is the "business machine" when such an unqualified endorsement is a matter of every-day occurrence. The larger poultry plants are using them to the exclusion of all other makes and sizes. The last season we supplied single plants with as many as seven, eight, and ten, of the 500-egg sizes in single shipments, and other large plants now in prospect will require them in even larger numbers.

The **why** of this unusual popularity is easily explained: The 500-egg Jubilees, considering capacity and price, are the cheapest in the world, as well as being thorough Jubilees and the best produced. In spite of all we can say, cheapness **will** influence many sales, and we are unable to offer machines at so low a price as others until the large capacity machines are reached, then the Jubilees are sold at a very low price, the very lowest as compared to others. While the large capacity Jubilees are no better than the small capacity Jubilees, nor are the small capacity Jubilees better in any single point than the large capacity Jubilees, this element of large capacity for a comparatively small price is responsible for their tremendous sale. It naturally follows that the Jubilee numbers among its customers the **business** poultrymen,—the poultrymen that think and reason and argue from cause to effect. The Jubilee also numbers among its customers all those who have had an opportunity to witness the work of the Jubilees or to confer with a Jubilee operator,—the buyers of incubators who do not purchase Jubilees are those who have not seen them, have not conferred with those who have used them, and those who have not reasoned the question on its merits, and will not be convinced that a few dollars more in the original purchase price will mean a few hundred dollars difference in the results at the end of the first season.

It is fortunate for the poultrymen and the poultry industry of this coast that the Jubilee plan of construction will permit the manufacture of a large capacity machine at so low a price as the 500-egg Jubilee sells for. The Jubilees give results so much greater that the poultrymen would be losing an extra profit amounting to hundreds of thousands of dollars if the price asked for the "Business Incubator" was greater than the poultrymen thought they could pay. We say "thought." The truth is any poultryman could better afford to pay \$100 for a 500-egg Jubilee Incubator than to continue without a Jubilee. We know it,—we can prove it. Think hard, figure it out, be convinced.

**The King of the Jubilees
1,056-Egg Capacity**

Price \$100.00



The Giant of the Jubilees

A very mistaken idea prevalent among users of incubators is that an incubator can not be constructed which will successfully incubate more than 300 or 400 eggs in one egg chamber. There is very good ground for this belief in the case of all machines excepting the Jubilee, but, with the Jubilee system of heating, regulation and ventilation, the larger sized incubators are not only possible, but are a wonderful success. The 500-egg Jubilees are the best, most practical, and most economical incubators ever produced, and the manufacture and successful operation of the 1056-egg Jubilee Incubator serves as an example of what can be done in incubator construction when the right principles are employed and when the machine is constructed on a scientific basis.

There are many firms offering incubators termed "large incubators," which are nothing more or less than two incubators of smaller size, built one above the other, back to back, or end to end, each with its own regulator, own heater, and separate egg chamber. If these can be termed "large incubators," the Jubilee, by building one above the other, can easily be constructed to hold 5,000 eggs.

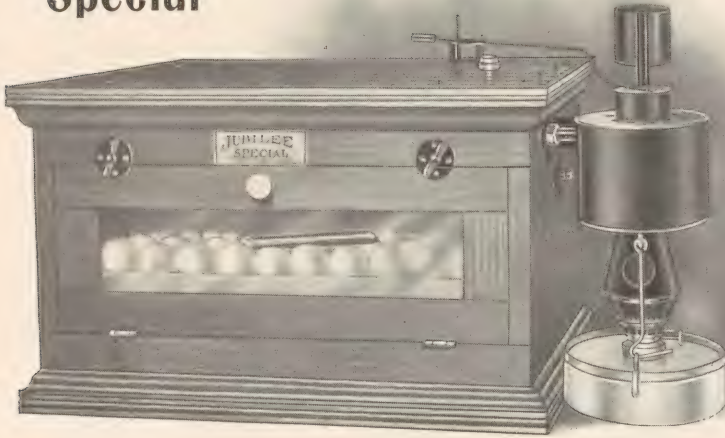
The 1056-egg Jubilee is a large incubator, a trifle larger than two 500-egg Jubilees. It is provided with eight trays, each tray holding 132 eggs. The incubator is heated by a Jubilee Heater, one single boiler is used, one lamp, fitted with a double burner, supplies all the heat necessary, the eight trays are in one egg chamber, and one Jubilee Regulator controls the machine. These machines have been practically tested, exhibited in the show room, and have been found perfect in every detail. The only limit to the sizes in which the Jubilee Incubators can be made is the limit of practicability. Sizes larger than the 1056-egg Jubilee would be too bulky and heavy for convenient handling and shipping.

We supply the 1056-egg Jubilees on special orders. We do not keep them in stock on account of their bulk, and the demand is naturally not as great as for the smaller sizes. They are eminently practical incubators for large plants, and will give absolutely satisfactory results.

In the manufacture of incubators there are many parts common to all sizes,—each machine must have its complicated boiler apparatus, each machine must have its lamp, its thermostat, its valve lever, its legs, its whole equipment, in fact. It is readily seen that the larger the capacity, the cost of production is proportionately less. If a 324-egg Jubilee cost three times as much to manufacture as a 108-egg Jubilee, the selling price would have to be \$66, whereas the selling price is really \$40. Continuing the comparison, you will find you can purchase a 504-egg Jubilee for \$50, nearly five times the capacity of the 108-egg Jubilee, and at only two and one-third times the cost.



The Jubilee Special



**For the
Family
Fancier
and
Small
Producer**

**Price
\$12.00**

SINCE incubators became known, there has existed a demand for an incubator of small capacity, which would give perfect results in the hands of the experienced and the inexperienced and under all possible conditions. The Jubilee Special Incubator is manufactured to fill this demand.

We have been making incubators and brooders for twenty-four years, and we understand the subject of incubating and brooding as few people understand it. Many years ago we abandoned the idea of attempting to compete in point of price, and therefore turned our whole attention to quality, until at this date wherever the Jubilee machines are known, Jubilee quality is assumed as a standard of excellence.

Certain parts are necessary in the manufacture of all sizes of incubators, therefore the smaller the capacity of the incubator produced, the price must be proportionately greater. To construct a small incubator on the Jubilee principle and in every way up to the Jubilee standard, which shall sell in competition to cheaply-made and "cheaply principled" incubators, is an utter impossibility, if the purchaser assumes price to be the essential feature.

The Jubilee Special 60-egg Incubator is manufactured for use, to give perfect satisfaction, and to perform its work for an unlimited term of years, and to give perfect results under all conditions and where others fail. We offer the Jubilee Special to those who hold quality above price, and with the conviction and certain knowledge that its use will soon return to its owner an increased profit and many times greater than the difference in cost of the Jubilee Special as compared with the cheapest incubator ever made.

As the engraving will indicate, the Jubilee Special is constructed with the heater on the outside of the case. The heater is easily detached, and, together with the lamp and equipment, is placed inside the egg chamber for shipment. This method of construction makes it possible to construct the incubator without legs, and the machine is easily moved from place to place while in operation, as the lamp is securely attached to the heater by means of hooks, the same as used on the regular Jubilee machines.

The Special has the hot-water pipe method of heating the egg chamber, identically the same as applied to the large Jubilee; it has an adaptation of the Jubilee ventilation and the Jubilee moisture system, and it has the Jubilee nursery. The Jubilee Special is a Jubilee on a small scale; it is made of equally fine materials, and will give equally fine results. It is provided with everything necessary for successful operation, is crated carefully, and delivered to the railroad company at Sunnyvale, and the price is \$12 net.

**Special
Brooder**

Prices:—

Without

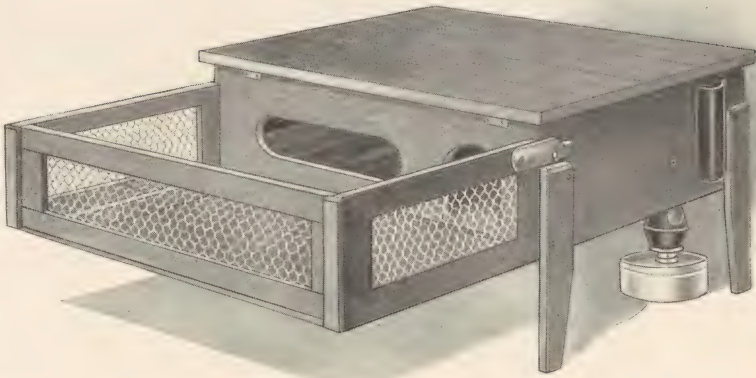
Runway,

\$6.50

With

Runway,

\$7.50



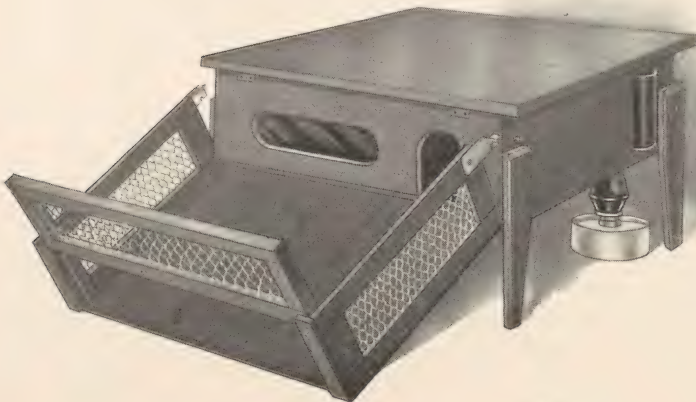
The Jubilee Special Brooder

THE engravings opposite illustrate the Brooder Companion we manufacture for the users of the Jubilee Special Incubator. It is designed to brood from 50 to 60 chicks, the number produced by the Jubilee Special 60-egg Incubator, and will raise every healthy chick entrusted to its care.

The Brooder Companion is heated by an improved warm air other respect it is the same as the Jubilee Brooders, including the Jubilee ventilation and all Jubilee improvements and conveniences. It is made of equally fine materials and will give equally fine results.

The run-way is hinged to the brooder by loose pin hinges, it can be lowered to form an inclined run-way to the ground, or it can be removed instantly.

The Jubilee Special Brooder is an ideal companion to the Jubilee Special Incubator. The price for the brooder complete in every detail and ready for use is \$6.50. However, if the run-way, as illustrated in the engraving, is desired, add \$1.00, making the cost of the brooder as illustrated \$7.50, crated and delivered F. O. B. Sunnyvale, Cal.



**Special
Brooder**

Prices:—

Without

Runway,

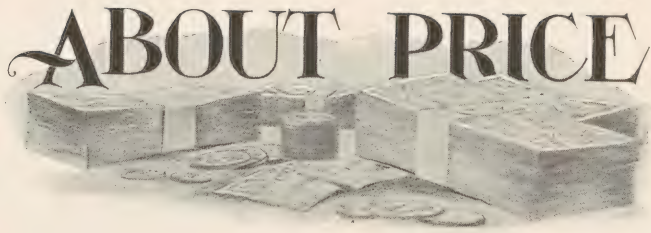
\$6.50

With

Runway

\$7.50

ABOUT PRICE



THERE is always a market for two classes of merchandise: the very high-grade class and the very cheap class. This rule applies to incubators and brooders as thoroughly as to other classes of goods, but, when incubators and brooders are concerned, there **should** be but one class marketable, and that the best makable. The purchaser of an incubator depends on the machine to give results, and the best results possible. If the machine does not do this, the purchaser not only loses the cost of the machine, but is also caused loss in eggs and fuel, and, more important still, loss in time and opportunity.

The value of an incubator is wholly dependent upon what it will return to the purchaser. If the incubator will return a ten per cent greater result each hatch, it is worth many times more than the less successful machine, for the simple reason a machine will complete a great many hatches during a season, and causes a consequently greater profit from the returns and a greater saving in eggs, fuel, time and opportunity.

With those who do not understand the vast difference in results to be obtained from the Jubilee as compared to any other incubator, the "price argument" will carry more weight than the "quality argument," and for this reason there have been sold in this country in the last few years ten times as many machines as there are in use to-day. Think what a tremendous loss this ill-advised investment means to the poultry producing public.

The prime necessity of a successful poultry plant is the best incubators and brooders ever produced,—the Jubilees. Those who have succeeded fairly well without the Jubilee can make a tremendous success with the Jubilee. True economy demands that you purchase the Jubilee if you want the maximum profit from your poultry.

There are perhaps one hundred manufacturers of incubators and brooders in the United States. Astonishing isn't it? With such a number in the field sharp competition results, the competition grows keener and more personal and perhaps legal battles and advertising wars are indulged in in frantic efforts to quell the ever present "other fellow" cutting in for business. Such battles and wars prove a drain which any incubator concern can illy bear. All such extraordinary expenses must eventually be borne by the poultry public, larger profits *must* be made, and when price-cutting is added to the list of attacks, it requires no extended calculation to arrive at the result,—it is either quit business or cheapen the product in proportion to the cut and to the extraordinary expense,—the cost to the manufacturer must be reduced, must be cut way down, and, as a result, the quality of materials is reduced, and grade of workmanship is lowered, and the value of the product to the buyer is decreased by just so much.

In the face of all these conditions the Jubilee has gone steadily forward, the volume of business has doubled and doubled again. Our factory facilities are now unexcelled,—the Jubilee factory is the finest equipped factory in the West, but even so—the prices of the Jubilee machines have not been decreased, and can not be decreased, unless indeed the quality and value is reduced in like proportion, *and that we will not do*. We will make the Jubilees the best in the world if we sell but one hundred machines each season instead of the thousands we now sell,—we will make them the best in the world if the cost to us in the future should be twice as great and our selling prices just doubled. We will turn our factory into a planing mill and junk shop before we will lower the standard of the Jubilee machines. The Jubilees must be the best in the world or we will quit manufacturing them.



Price List

Jubilee Incubators

CAPACITY	WEIGHT	DIMENSIONS				PRICE
108-egg Jubilee	110 lbs.	2 ft.	8 in.	x 3 ft.	in.	\$ 22 00
216-egg Jubilee	150 lbs.	2 ft.	8 in.	x 4 ft.	3 in.	32 00
324-egg Jubilee	200 lbs.	2 ft.	8 in.	x 5 ft.	8 in.	40 00
504-egg Jubilee	260 lbs.	3 ft.	2 in.	x 7 ft.	2 in.	50 00
1056-egg Jubilee	500 lbs.	4 ft.	10 in.	x 8 ft.	4 in.	100 00
60-egg Jubilee Special	50 lbs.	1 ft.	5 in.	x 1 ft.	10 in.	12 00

Jubilee Out-door Brooders

CAPACITY	WEIGHT	DIMENSIONS				PRICE
1-Section, 75 chicks	75 lbs.	2 ft.	6 in.	x 4 ft.	3 in.	\$16 00
2-Section, 150 chicks	130 lbs.	2 ft.	6 in.	x 5 ft.	10 in.	20 00
3-Section, 225 chicks	185 lbs.	2 ft.	6 in.	x 8 ft.		25 00
Colony Out-Door Brooders.....	175 lbs.	2 ft.	6 in.	x 7 ft.		20 00

Jubilee In-door Brooders

CAPACITY	WEIGHT	DIMENSIONS				PRICE
2-Section, 100 chicks	100 lbs.	2 ft.	6 in.	x 5 ft.	6 in.	\$14 00
3-Section, 150 chicks	135 lbs.	2 ft.	6 in.	x 7 ft.	6 in.	16 00
4-Section, 200 chicks	170 lbs.	2 ft.	6 in.	x 10 ft.		18 00
Jubilee Special Brooder.....		2 ft.	6 in.	x 2 ft.	6 in.	6 50

Supply List

Incubator or Brooder Lamp, by express, complete with No. 2 Sun-Hinge burner	\$ 1 25
Incubator or Brooder Lamp, by express, complete with No. 3 Sun-Hinge burner	1 50
Tested Jubilee Thermometer, post-paid	75
Jubilee Egg Tester, post-paid	25
No. 3 Sun-Hinge Burner, post-paid	60
No. 2 Sun-Hinge Burner, post-paid	40

Brooder Heaters

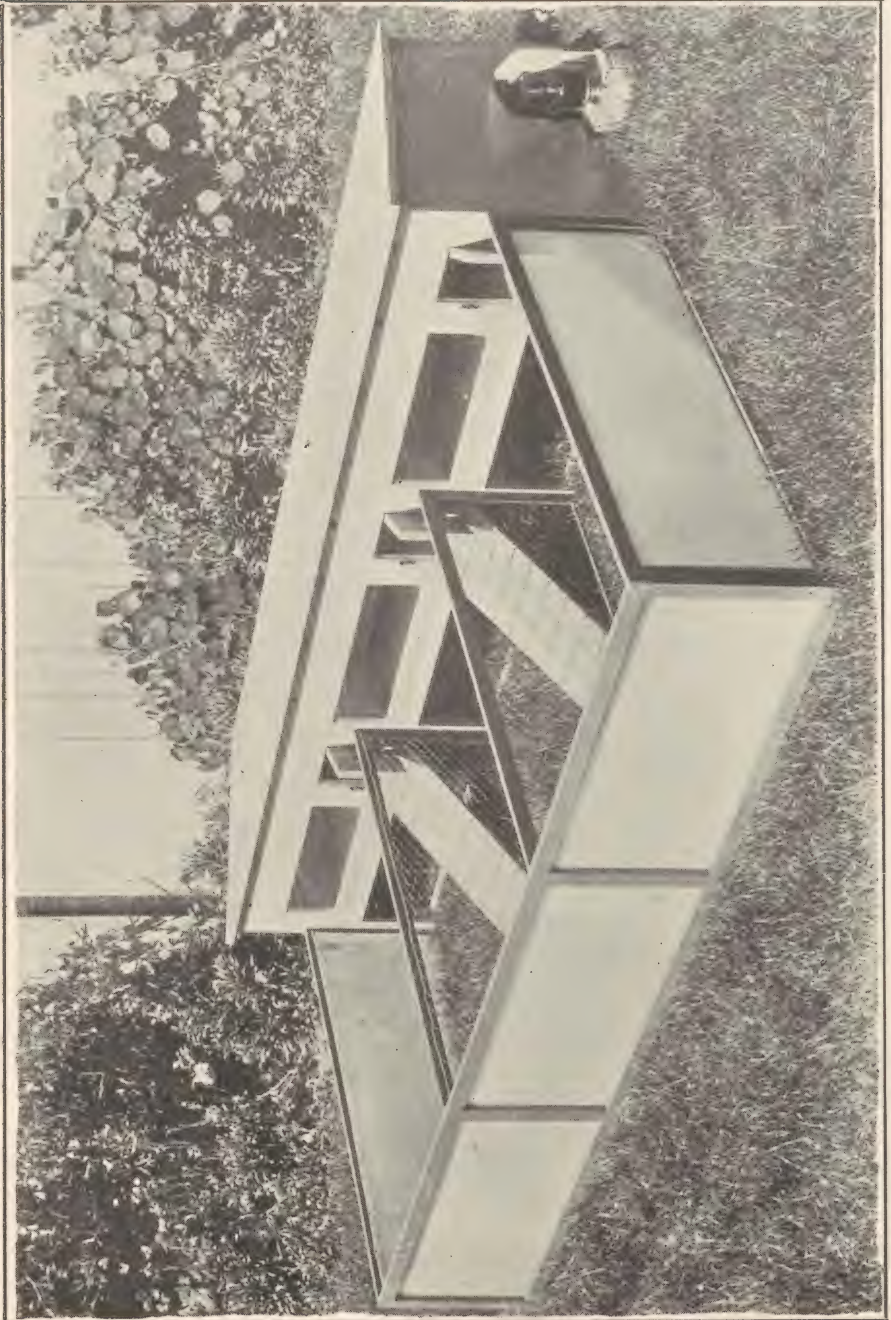
For 2-Section Indoor Brooder	9 00
For 3-Section Indoor Brooder	8 00
For 4-Section Indoor Brooder	10 00

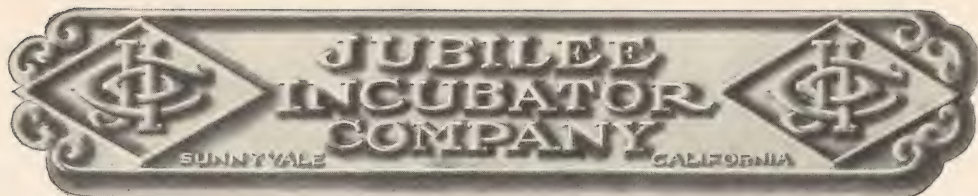
TERMS Every machine is carefully crated and delivered F. O. B. cars at Sunnyvale, Cal. Send cash with order. Remit by P. O. Money Order, Express Money Order, Bank Draft, or Registered Letter. Your satisfaction is assured. The Jubilees are always successful.

**A Satisfactory
Solution to a
Vexing Problem**

**3-Section
Out-Door
Brooder**

Price \$25.00





THE JUBILEE BROODERS

THE Jubilee Brooders are made on the Jubilee basis and up to the Jubilee standard. It is more economical to use them than it is not to use them. The per cent of the chicks raised to maturity will be enough greater to repay the cost many times.

The Jubilee Brooders are made in three styles, each for a particular purpose:

The Jubilee Sectional Hot-Water Out-Door Brooders are constructed in one, two and three sections, to accommodate 75 chicks to each section, and are made for out-door use, made to withstand all kinds of weather, and made to give service for many years.

The Jubilee Sectional Hot-Water In-Door Brooders are constructed in two, three and four sections, to accommodate 50 chicks to each section, and are made for in-door use in brooder houses. There is nothing to wear out, nothing to break, nothing to be replaced and their life is limited only by the care given them.

The Jubilee Colony Out-Door Brooder: Constructed in one size only, for strictly outdoor use. A new creation and a wonderful brooder for large or small plants.

The Jubilee Out-door Brooder

THE Jubilee Outdoor Brooders are built on identically the same plans as the indoor brooders, with the exception they are designed for outdoor use exclusively. The brooder proper is raised from the ground about ten inches to protect it from dampness, and also to provide a sheltered space beneath the brooder to serve as a runway and a protection from sun and rain. An inclined runway leads from the brooder to the ground as shown in the accompanying illustration, but the runway, fencing, and divisions as shown in the illustration are not furnished with the brooders. The cover of the outdoor brooder is inclined, and covered with heavy Malthoid roofing, which makes it impervious to rain and weather. The lamp and heater are inclosed and amply protected from all outside influences. A gutter is provided to carry off the rain beating in between the covers where more than one section is used.

In every particular the out-door brooders are thoroughly practical and can be depended upon to give the best possible results. Where but few chickens are raised, an outdoor brooder is admirable, but where a good many are brooded the indoor brooders are far more desirable, more economical and more satisfactory.

Every brooder is perfect, and will accomplish all that we claim for it, and more. We heartily recommend the Jubilee Brooders to be used in brooding Jubilee chicks. The Jubilee Incubators and Jubilee Brooders form a perfect combination, thoroughly practical and unexcelled in every particular.

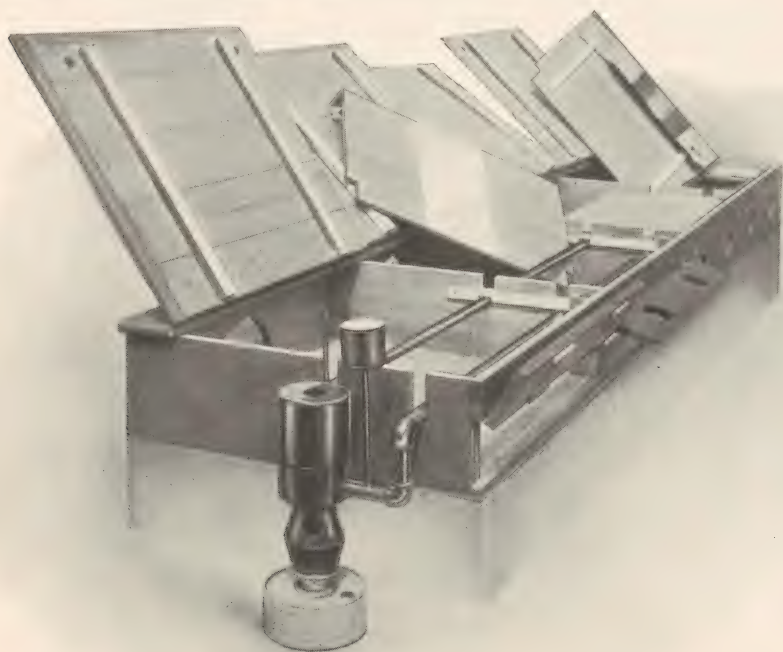
The In-Door Brooder

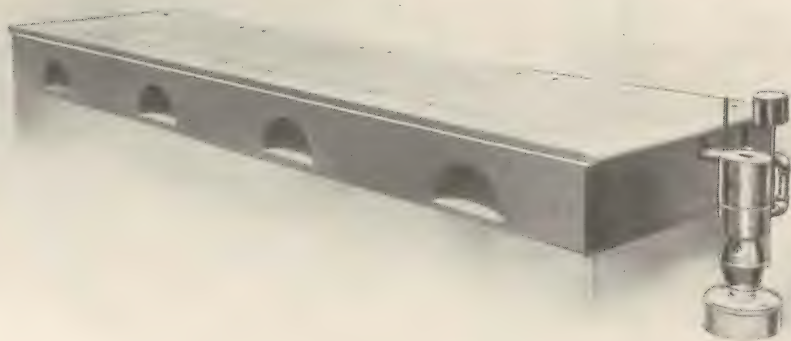
THE Jubilee Brooders are built on the principle of the brooding hen. Each essential feature of the brooding hen is followed out closely, and a corresponding feature included in the construction of the Jubilee.

The brooder case is constructed of the best grade California redwood, one inch thick, the whole thing being carefully and accurately joined. Each section is two and one-half feet long, two and one-half feet wide, and eight inches deep. Each section is provided with a hover chamber, properly insulated, well ventilated, and perfectly heated by means of hot-water pipes running just beneath the ceiling of the hover chamber and radiating a warm, moist heat under exactly the same principle as that of the Jubilee Incubator. Each hover chamber is provided with windows, and with a large door hinged from the top, which may be raised to thoroughly clean the brooder. The hover chamber occupies a little more than one-half of the section, the remaining space is utilized as a runway between the hover chamber and the outer runway. The chicks continually pass back and forth from the hover to the outer runway, accommodating themselves to the varying temperatures, and looking out for their own comfort.

The ventilation of the Jubilee Brooders is the most successful and satisfactory ever devised. A sweated chick is a total loss,—the Jubilee can not sweat the chicks, nor can the brooder become foul owing to lack of ventilation.

From long and continued practical experience we find these Jubilee Brooders the most successful and the most economical brooder ever offered; they are built on the Jubilee basis, up to the Jubilee standard, and are made to raise to maturity every chick that is hatched to live.





If the poultryman will give the subject thought and reason carefully, he will become convinced that it is infinitely better to equip even the very large plants with the Jubilee In-Door Brooders in preference to any others. The giant brooder systems are costly to install, costly to operate, and the economy of attention is much more than equalled in the increased expense. We can prove it to the satisfaction of any person that the Jubilee In-Door Brooders are the right brooders,—give us a chance to make good our claims.

Brooder Heaters

WE sell the Jubilee Brooder Heaters for the indoor brooders separate from the brooder cases, in order that customers living at a distance, where the freight rates are high, may not be debarred from using the Jubilee Brooders. The Heaters are sold to those parties only who have already purchased an indoor brooder complete, to serve as a model in constructing the cases to which the heaters are to be fitted. It is important that a model be at hand, or the heaters will not be set rightly and dissatisfaction will result. It is important that cases be constructed exactly as we construct them, in order to secure the best results; nothing can be safely eliminated from the brooders as we manufacture them. Those living within a radius of several hundred miles will find it much more economical to purchase the brooders complete, unless especially fine facilities are at hand for making the cases. A customer can not make the case as cheaply as we will sell it complete; high freight rates and long hauls are the only causes which prompt us to put prices on the heaters alone. The prices quoted in the list are for the heaters complete to be set in the case,—boiler, pumps, lamps, etc.

The Jubilee Brooders are not only the most successful brooders ever devised, but they are the most serviceable, and the most economical. True economy demands that you use them exclusively.

The Out-Door Colony Brooder

THE Jubilee Outdoor Colony Brooders are built on exactly the same principle as the indoor brooders, but designed for outdoor use. There is a great demand for a serviceable and practical brooder for outdoor use, which will properly care for 100 or 125 chicks, and the Jubilee Colony Brooder is designed to fill that demand.

The Colony Brooder is 7 feet long by 2 feet six inches wide, made from carefully selected redwood lumber one inch in thickness. It is heated by a hot-water pipe system, the boiler being the regular copper brooder boiler as designed for this particular purpose; the boiler chamber is inclosed and the lamp protected from the wind and storm so that the brooder is thoroughly dependable under the most severe conditions. The front of the brooder is 22 inches in height, sloping to the back. The top is covered with Malthoid roofing,—the same roofing as used on poultry houses. The interior of the brooder is divided into two chambers, and the top is in two sections to correspond, a gutter being provided to carry any water driving in between the covers. The whole brooder is made in a most workmanlike manner. The brooding chamber is four feet long and the full width of the brooder,—the hover chamber is full three feet two inches long and is provided with a regulation Jubilee hover board, and will properly brood from 100 to 125 chicks. The outer chamber (runway and scratching division) is three feet long and the full width of the brooder. The floor of the brooder chamber is eight inches from the ground to protect it from the damp, while the floor of the scratching division is four inches lower, or, four inches from the ground. Light is admitted to the hover chamber through small windows at the back, also to the scratching division. The brooder chamber and scratching division are provided with large doors which can be opened at will,—the scratching division is fitted with a double door, the inner door being fitted with a wire screen, making it possible to provide ample ventilation when advisable. The outer door is fitted with glass, admitting an abundance of light. The whole brooder is built with the idea of practical use in view,—not to economize on production. It is substantially made and finished with two coats of good paint. There is no doubt that the Jubilee Colony Brooder is the best brooder ever produced for outdoor use; whether one is required or twenty, they are a distinct economy.

Every brooder fitted complete and carefully crated. If the outside wire runway is desired, add four dollars to the price of the brooder alone.



**Jubilee
Colony
Out-Door
Brooder**

Price

\$20.00



**Jubilee
Colony
Out-Door
Brooder**

**Price,
\$20.00**

The problem of brooding is a serious one. Where ample ground is available, it is often advisable to use Colony Brooders exclusively, even when a very large capacity is required. The use of Colony Brooders placed some distance apart will dispense with brooder houses, fencing, and runs, etc., and the wide range and forage is also of benefit to the chicks. Brooder houses are often too great an outlay for the beginner, although a first-class brooder house is certainly much more desirable during the inclement weather, and will give better results from year to year, especially when the houses are always in use. Where the poultryman wishes to brood for only a few months in the year, and that at a season when the weather is not too boisterous, the Jubilee Colony Brooders will prove of wonderful service.

You will recommend them heartily after you use them. To get you to use them is the only problem that confronts us. They are a new production, but have been tested under all conditions, and we can guarantee them to be everything that we claim for them. We are anticipating a very large demand, and will be able to fill orders for dozen lots and promptly.

**Jubilee
Colony
Out-Door
Brooder**

**Runway,
as illustrated,
\$4.00 Extra**





Questions and Answers

YOU should read very carefully the following "Questions and Answers." They explain **why** the Jubilee is the best incubator in existence; they will show you the reason fully and lucidly explained so that you may understand. If you wish to know how to get your money's worth when buying incubators and brooders, study these questions and answers. The argument we offer is beyond refutation. We have investigated, labored, and experimented for so many years that we are in a position to **know**, and the wonderful results from our machines in practical, every-day operation afford further proof that our machines are as nearly perfect as human skill has yet succeeded in devising.

Question. Why do you claim to make the "best" incubators when there are so many manufacturers making the same claim?

Answer. We make the claim because it is our right, and our exclusive right. The Jubilee has been placed in test trials with seventeen different incubators, and has never yet failed to prove its vast superiority. We never miss an opportunity to place our machines in public test trials with any machine available, and until a manufacturer has succeeded in showing greater results than the Jubilee is capable of, he has no right to make the claim. The Jubilee will hatch a greater per cent of chicks, with less attention, and less expense, than any other incubator. The success of our customers proves that in practical every-day use the Jubilee is unapproached as a great hatcher of strong chicks.

Q. Do you mean to say that the Jubilee has been in a test trial with every incubator in the United States?

A. No. There are manufacturers to-day flooding the market with their goods who could not be induced under any conditions to place their machines in a public test trial with the Jubilee. The machines are, as a rule, cheaply and indifferently constructed, but largely advertised, grossly misrepresented, and sold through sheer force of push.

Q. How are these test trials conducted?

A. The incubators are operated in the same room and under the same conditions, each operated according to the directions furnished by the manufacturer. The eggs used are from the same basket, distributed one to each machine until all are full, in order to fairly proportion them. The machine hatching the greatest percentage of the fertile eggs is considered the winner. This method would be the only method for making a fair trial of the hatching qualities of the different machines.

Q. Do you consider prizes awarded by fairs and exhibitions indicative of the practical value of the different machines?

A. No. Such a prize is worthless. Usually the judges know nothing of incubators—what they should be and should not be. There is seldom a competition in hatching, and machines can be truly judged only by their hatching qualities.

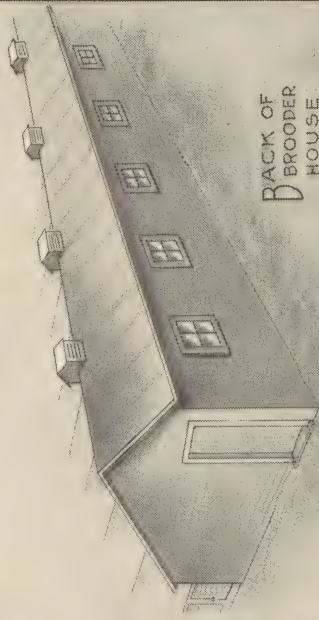
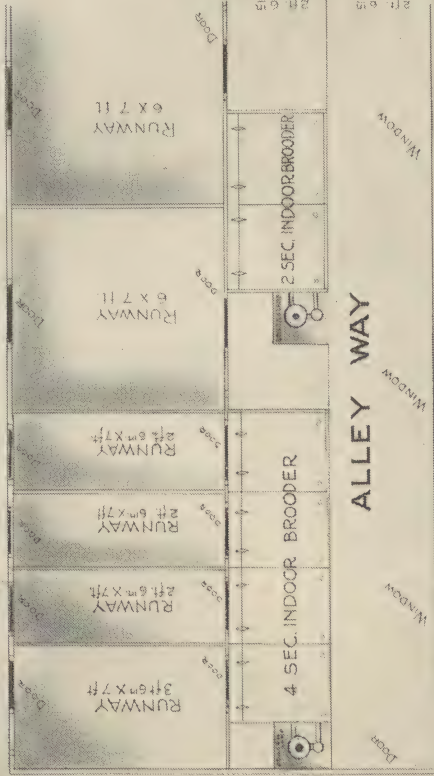
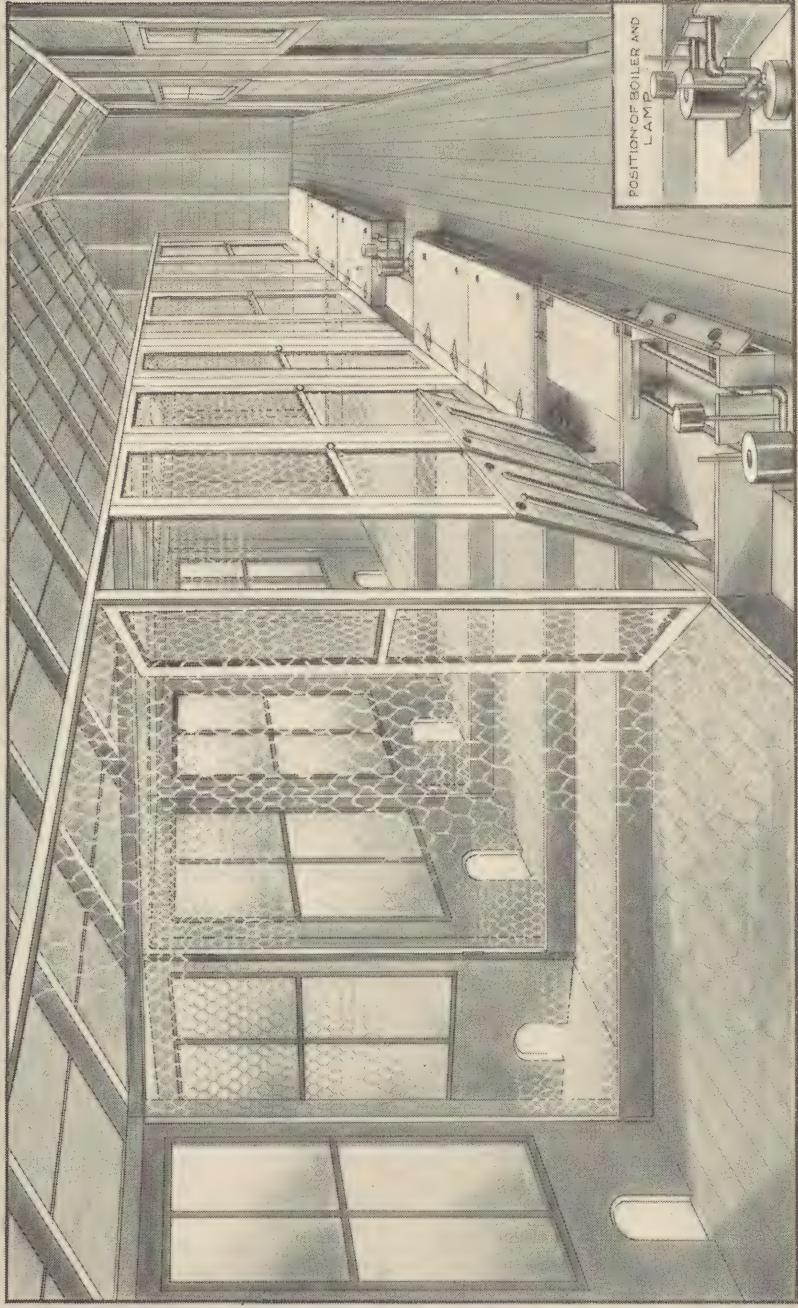
Q. To what do you attribute your unfailing success in all trials?

A. To ease of management, evenness of heat, perfect ventilation, perfect application of moisture, perfect regulation, and the simple principle on which the machines are constructed.

Q. Do you claim the Jubilee system of heating superior to all other systems in use for artificial incubation?

A. Yes; positively. With the Jubilee system we have a powerful heater, under absolute control. We have a perfectly even heat with the consumption of a minimum

The JUBILEE BROODER HOUSE



amount of oil. The Jubilee system of heating is the only practical and absolutely reliable system ever devised, and as the Jubilee patents cover the principle, the Jubilee will have this extremely important consideration always in its favor.

Q. Is the Jubilee the only incubator heated with hot-water pipes?

A. No; we believe there are a few machines using the hot-water pipe system, but their system of applying the heat is wrong. A double or triple coil of pipe is used, which necessarily makes the center of the chamber much hotter than the outer edges. The single coil used in the Jubilee in combination with the Jubilee boiler insures a very rapid circulation with a small consumption of oil, and the center of the chamber heats by contact.

Q. If a single coil is better than a double or triple coil, why do not others use it?

A. Their boilers can not produce enough heat for a single coil. Their boilers are exposed to the outside air, and are not properly insulated. They must increase the radiating surface in order to secure the heat necessary in the egg chamber, and therefore are compelled to add one or two coils of pipe. These double coils cause greater heat in the center of the chamber, leaving the outside rows several degrees colder. This extreme unevenness of heat results in many cripples and disappointing hatches.

Q. How can you produce more heat with a single coil and less oil?

A. On account of the scientific construction of the boiler. Our heater is compound, inclosed in an outer jacket, and then inclosed in the boiler chamber,—every atom of heat is thus retained. A very small amount of water is needed, and with the compound boiler and a single coil of pipe, the water is heated, makes the circuit of the egg chamber and returns to the boiler to be reheated in a remarkably short time, so quickly, in fact, that the water returning to the boiler is practically the same temperature as the water leaving the boiler,—the heater utilizing just sufficient heat to maintain the temperature of the water necessary to radiate the required heat in the egg chamber. This admirable system insures a small flame, a cool burner, and a small consumption of oil.

The perfect operation of our system of heating is illustrated in the large Jubilee Incubators. The 500-egg Jubilee requires a single coil, a single heater, a single lamp, and a single burner. No system in the world can approach the Jubilee system.

Q. You claim to have the best regulator in existence. Are you the only manufacturer using a thermostatic bar, and if not, why is your bar so much better?

A. Yes; the Jubilee regulator is certainly the best regulator in existence, and we use a thermostatic bar. However, it is not this bar alone that gives us our perfect regulator,—it is the perfect combination of the bar with our patent, compound, tubular boiler, as described under "Construction." The proper combination results in a perfect regulator,—the Jubilee regulator.

There are other manufacturers using a bar, but the bars are not made of the proper materials, and the power is not directly and practically utilized. Too often there are joints to stick and levers to catch. Reliability is the first essential of a regulator. Nine out of ten of the regulators used on incubators are not reliable in any sense of the word; they are too often complicated with many joints; too often some chemical or liquid enters into the construction of the regulator, which is bound to decrease in efficiency as time passes; too often regulators are made of perishable materials, such as rubber tubing; and too often their sensitiveness depends upon some gas or liquid which loses its power gradually, but surely. With unreliable regulators the period of inefficiency can not be foretold, and too often they refuse to work when a hatch depends upon a few days' longer service,—even though that service be indifferent.

Q. Do you consider the valve lift superior to the lamp-trip method for controlling heat?

A. We know it is better, for we have had practical experience with both. By using the valve lift, the regulator works freely and accurately at all times; all friction is dispensed with and there is nothing to be watched or cleaned or replaced. This can not be said of the lamp trip; the char from the wick is certain to lodge between the wick tube and the sliding sleeve, which causes the sleeve to stick, an excess of oil to accumulate in the sleeve, the flame to increase, thus drawing a greater and still greater amount of oil from the lamp, and finally when the flame has increased beyond control, the burner takes fire and an explosion results. The frequent overheating of the eggs caused by the friction of the sleeve is responsible for a very great number of the cripples with which users of this class of machines are annoyed.

Ninety per cent of the fires caused by incubators are caused by lamp-trip machines. When the sleeve is raised the char falls between the sleeve and the wick tube, a crust of the char forms between the sleeve and the wick a little above the wick tube; oil rising in the wick can not all get to the flame, being intercepted by the crust

of char, hence it oozes down the wick tube inside of the sleeve, and, as the flame increases on account of the oversupply of oil a greater and still greater amount is drawn from the lamp, and a considerable quantity soon collects around the burner, which, being overheated, causes the oil to take fire and an explosion usually follows.

Q. If you condemn the lamp trip, why did you sell machines regulated by the lamp-trip system?

A. We are living in an age of improvement. You may as well ask the great manufacturers why they sold the wooden tricycles. Before we found a simple, thoroughly practical and absolutely reliable method for regulation, we employed the best means then at hand. Now, after many years' research, we have an absolutely reliable system of regulation, and we will not employ a system that is impractical, unreliable, and dangerous.

Q. Please explain why your valve lift is superior to the other forms of valve lifts in use.

A. The valve lift controls the amount of heat applied to the boiler. In the Jubilee system the draught is always upward, whether the valve be opened or closed, which insures a cool burner, perfect combustion, and an absolutely safe machine. All other valve lifts cause the heat to escape at the bottom of the boiler when the valve is closed, thus reflecting the heat directly back on the lamp and burner, thus heating the oil, causing the flame to rise with serious results following. Any system which does not at all times provide a direct draught is unsafe, and is a menace to life and property.

Q. Will not the pipes in your Jubilees become coated and useless?

A. No. We are so certain on this point that we will gladly replace the pipes in any Jubilee Heater that becomes coated with scale. Our incubators are so perfectly constructed but little heat is required to maintain the desired temperature, and, therefore, the water is never heated a degree sufficient to cause a coating to adhere to the walls of the pipe. The Jubilee Heaters will last for a lifetime.

Q. How do you produce more heat with less oil than others can with a large hot-water tank covering the entire surface of the egg chamber and furnishing ten times the radiating surface of the Jubilee Heater?

A. First, understand that water which does not circulate imparts very little heat. In the tank machine so much water is employed it can not be made to circulate rapidly, and it requires too long a time to become heated, and, after being heated, it can not be controlled and quickly cooled when circumstances demand it, therefore an evenness of temperature would be impossible under practical conditions.

In the Jubilee system very little water is required, and, owing to the Jubilee Heater, this water can be heated almost instantly, or cooled as quickly if circumstances demand it,—all owing to the scientific and practical construction of the machines in every particular. The heat is thus controlled absolutely, and we get more heat in less time and with less oil than is possible in any tank machine made.

Q. Why is the Jubilee the most practical machine for hot climates and equally as practical for cold climates?

A. This unrivaled point in the Jubilee is due to perfect control of the heat, perfect regulation, perfect ventilation, and a perfect system of supplying moisture. The Jubilee mechanism automatically controls all conditions on the inside of the machine, and adapts itself with equal precision to varying conditions on the outside. The heat can not run high on a hot day, nor low on a cold day,—the Jubilee anticipates every change. The Jubilee Moisture System will guard against the bad effects of dry, rarefied; the Jubilee ventilation will guard against the bad effects of an unusually damp atmosphere. In fact, no matter what the conditions may be, the Jubilee will be found equal to the demand made upon it.

Q. Why is the hot-water system better than the hot-air system as applied to incubators and brooders?

A. Did you ever hear of a conservatory or hot house being heated with blasts of hot air? The body of a brooding hen radiates a warm, mild heat which is insulated by the fluffiness of her feathers. The hot-water pipes in the Jubilee radiate a warm, mild, atmosphere in the egg chamber, which is confined and insulated by the walls of the chamber.

Every setting of eggs will require a little different treatment if properly managed,—the fresh, large eggs will require a good deal more drying down than the small, stale eggs; the treatment necessary to the fresh, large eggs would be disastrous to the small, stale eggs. The drying down process is under perfect control in the Jubilee,—it can be hastened, retarded, or prevented, as conditions may dictate. In this respect the Jubilee is one ahead of "Biddy." The ventilation of hot-air machines

is continual and imperative; it can not be retarded without decreasing the heat of the chamber; it can not be stopped unless the lamp is removed and the heat allowed to decrease and become equal in temperature to the outside air. The harsh, dry air is forced into the egg chamber, and naturally has a very drying effect on the eggs. It is attempted to counteract this extreme drying influence by the introduction of moisture by evaporation,—moisture by evaporation can not counteract this tendency, and the scientific treatment of eggs is an impossibility in this class of machines. The current of hot-air is so strong and continual that the moisture by evaporation can not mix with the hot air during the time it is allowed to remain in the egg chamber, and the little moisture that is possible has a tendency to streakiness. There is no manner of incubator made which has a system of supplying moisture that can compare in any particular with the Jubilee system.

When the hot air destined for the egg chamber leaves the heater of the hot-air machines, it is heated to an alarming degree. This excessive temperature burns the oxygen from the air; the oxygen is the life of the air, and the only part appropriated to animal life, and in this class of machines the only vital quality of the air is entirely eliminated before it reaches the egg chamber. The forceful and continual ventilation of the egg chamber during the entire incubation by air that is death to life is responsible for untold numbers of weak and crippled chicks. Hot-air chicks are subject to organic troubles, and in addition to the cripples, many will die, without seeming cause, before life has really commenced. We have hundreds of letters citing this complaint regarding the hot-air chicks, and as many more testifying to the ease with which the Jubilee chicks are raised. It sometimes occurs that a satisfactory hatch is secured with the hot-air machines, but in such cases the eggs were perfectly adapted to the incubator, strongly germinated, and from vigorous stock. The Jubilee supplies the demand for an incubator that is practical under all conditions and adapted to all eggs.

Q. Why are so many hot-air machines sold in the face of these facts?

A. Thousands of hot-air machines are made and sold for the simple reason that they can be made **cheap**, and can be sold **cheap**, and people, as a rule, want something **cheap**. Poor materials are used in their construction, a less amount of material is required; they are built to sell at a profit to the manufacturer, and not built to use at a profit to the customer. This class of machines can be produced at a fraction of the cost of a Jubilee, and can be sold at a fraction of the price of a Jubilee, and they will give but a fraction of the results that a Jubilee will give. This class of machines are sold, as a rule, to inexperienced persons who require but a small-sized machine, and want it cheap. Such machines are sold through sheer force of advertising and cheap prices; their purchasers, unable to get satisfactory results, conclude that artificial incubation is a fraud and a fallacy.

If the person does not know what the essentials of a perfect incubator are, and does not know what he has a right to expect for his money, how can that person intelligently choose? As a rule, he does not choose intelligently, and the result is that fully eighty per cent of our incubators are sold to persons who have been users of other makes, to persons who considered the Jubilee too "high-priced," and who, therefore, put their money into cheaper machines,—experiences teaches the practical person to choose intelligently, but if all persons must learn by experience, it means a tremendous loss in misdirected energies and misplaced confidence.

Q. You claim that an incubator is not practical unless provided with a nursery for the chicks to drop into as fast as hatched. Is the Jubilee the only incubator using a nursery?

A. No. An incubator is not practical without a nursery,—without the right kind of a nursery. We will define "right kind" of a nursery. The Jubilee Nursery is under the egg trays, occupying the full space. The chicks as fast as hatched drop into this nursery through a space provided for the purpose, and adequately described under "Construction." The temperature of the Jubilee Nursery is about ninety degrees, the perfect temperature for the newly hatched chicks; the chicks lie around on the floor of the nursery, gain strength, and fluff up. There being no light admitted to the nursery, they are quiet and comfortable. The ventilation is perfect and fully under control. The last chick out of the shell is as free from torment as the first; there is no necessity for opening the door of the incubator during the hatch to take out the chicks already hatched, as they automatically dispose of themselves. The Jubilee chick is as comfortable in the nursery, and even more so, than he would be if removed and placed in a brooder. The chicks should not be disturbed for twenty-four hours after the hatch is completed.

The Jubilee Nursery is pre-eminently satisfactory,—the maximum results from brooding can be expected when the chicks are incubated in the Jubilee machines.

There are other machines provided with "nurseries," but, owing to a wrong system of heating and ventilation, their nurseries can not be a success; in fact, a poor nursery is worse than none at all. Without proper ventilation and heating an automatic nursery is an impossibility.

The adoption of the "nursery," regardless of heat and ventilation, has resulted in some rather disappointing experiences to the customers of some of the most widely advertised incubators. The following letter from one of these disappointed parties aptly illustrates the point. The letter inquires, "Does your nursery freeze the first chick before the second one gets down?" To overheat or chill a newly hatched chick is fatal to profit.

Q. Why do you not use an egg turner?

A. Because we have never yet found an egg turner that is practical. We turn the eggs by hand; when turned by hand, they are turned as they should be turned. Egg turners appeal to the inexperienced as a great convenience. In practical use they are worthless, as they will not do the work they are intended to do. Five hundred eggs can be turned in five minutes by hand; they are turned, and turned properly,—not twisted, not half turned, and not broken.

When using an egg turner, the chicks are too often allowed to form with the head in the small end of the shell, and the cooling process is invariably neglected. By properly cooling the eggs enough, greater results will be secured to warrant a person spending hours over the machine. Five minutes for five hundred eggs is not a waste of time.

Q. What do you call proper ventilation, and is ventilation important in artificial incubation?

A. Some eggs will hatch with any method of ventilation, but one of the important requisites for profitable and scientific incubation is perfect ventilation. All air entering the egg chamber should be of the same temperature as the atmosphere of the egg chamber. This is possible only with incubators having the boiler inclosed in a boiler chamber. On the other hand, the air entering the egg chamber should not be of a greater temperature than the atmosphere of the egg chamber. This is too often the case with hot-air incubators, and, as a result, the temperature is streaked and uneven. Ventilation with overheated, lifeless air is worse than no ventilation at all. The air should enter at the top of the egg chamber, for the reason that foul air falls, and the foul air should be carried out through ducts having their opening at the bottom of the egg chamber and at the opposite end from which the air enters. This is not possible with exit ducts at the top of the egg chamber. In the Jubilee the foul air is carried away without passing through the egg trays after it has once become foul by contact with the eggs. The ventilation should be as indirect as possible, in order that draughts and gusts of wind would have no perceptible effect.

Eggs undergoing incubation throw off impurities which must be removed, and fresh air must be supplied. In the Jubilee the ventilation is reduced to a scientific system,—absolutely reliable, and fully under control. There is no system of ventilation that can compare with the Jubilee, for the simple reason that the features of heating and regulation upon which it depends are not to be found in other makes.

It is the perfect combination of all essential features that makes the Jubilee the most successful, the most practical, and the most thoroughly reliable incubator ever constructed.

Q. Should moisture enter at the top or at the bottom of the egg chamber?

A. It depends upon the ventilation. If the ventilation enters at the top, as in the Jubilee, the moisture should enter at the top. The Jubilee system of moisture provides means for increasing the moisture to saturation, for retarding moisture, for holding the moisture at any desired degree of humidity, and for dispensing with moisture altogether,—any degree is obtained in the simplest manner possible and without opening the door of the egg chamber. A system unsurpassed and possessed by no other incubator.

Q. Why do you consider artificial moisture a necessity in successful artificial incubation?

A. It is much simpler for manufacturers to decry the necessity for a certain feature in goods they manufacture, than it is for them to solve the problem in a practical way. There are many so-called "Non-moisture" machines manufactured and sold. Purchasers take it for granted that by purchasing a "Non-moisture" machine they will be exempt from all care and trouble concerning the application of moisture. The Jubilee will give better results without moisture than any "Non-moisture" machine made, but the Jubilee will give much better results with moisture than without moisture. The reason is apparent: During the first few days of incubation the germ in the egg is developing; during that time it is essential that no change takes place in the egg itself; a very gentle and continual application of moisture to the air of the egg chamber will maintain the egg in its original state. After the first few days the germs are in progress of development or growth, germination has taken place, and it is now essential that the contents of the egg be dried down in order to increase the size of the air cell, thus providing room for the chick to manipulate itself at the time of hatching. During

this time moisture is dispensed with, and the ventilation is called into play. On or about the eighteenth day the chick is nearly perfect in its development, and attention should then be turned to make the pipping and hatching an easy ordeal for the chick; to further this, moisture is called into service, the egg shell and the membrane are moistened, and the chick can more easily free itself. If, at the time of pipping, the membrane appears too dry and does not split readily and easily, the atmosphere of the egg chamber is saturated with moisture until beads of moisture trickle down the glass in the doors. This moisture, applied when necessary, is a grand provision of the Jubilee, and will produce greater results than are possible with any other machine.

Scientific treatment of eggs is possible only in the Jubilee.

Q. Would it not be safer to use a "Hydro-burner" on the lamps furnished with the Jubilee Incubators and Brooders?

A. No. With the Jubilee system of heating absolutely perfect combustion exists. There can be nothing safer. Never in the history of the Jubilee has the burner become heated to a dangerous degree or a fire caused by it. There is no reason whatever why we should use a "Hydro-burner."

What brought the "Hydro-burner" into existence? It was the necessity for some contrivance to protect life and property from explosions and fire resulting from imperfect combustion. Manufacturers using this burner acknowledge by the mere act of using it that their machines are unsafe and dangerous. The slightest negligence in attending to the "Hydro-burners" would cause dire results.

Q. Do you believe the testimonials published by all firms to be genuine in all respects?

A. The manufacturers have, in all probability, the original of every testimonial they publish, properly signed and authenticated, but it does not follow that the testimonial states what is true of the machines themselves. In many cases testimonials are inspired by hope of reward, and in many cases by open offer of reward; sometimes other methods are resorted to to obtain the written commendation for certain goods,—perhaps a premium is offered to the customer who succeeds in hatching the greatest percentage of eggs, and under this system some most startling results have been reported and published. Again, good-will is exchanged for good-will: "You scratch my back, and I'll scratch yours" being the basis of the exchange. It is to be expected that dishonest persons will be found in all walks and trades, and, consequently, it is of prime importance to be armed with knowledge of the subject.

Q. Why do you not reduce the price of your machine to compete with other manufacturers?

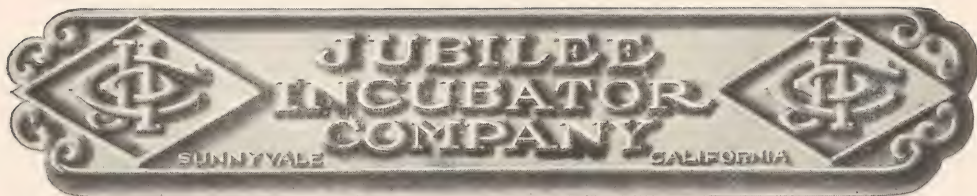
A. Because we can not reduce the cost. The Jubilee costs infinitely more to place on the market than any incubator made, and it is necessary to sell it at a higher price. The Jubilee is the cheapest incubator in the world to-day if its relative value is considered as well as its relative price. The Jubilee will cost a little more, and it will return a great deal more. In fact, a practical person rearing poultry for profit can not afford to use anything but the Jubilee, for the simple reason that, owing to the greater results to be derived from the Jubilee, every day without it will witness the loss of time, opportunity, and money.

Some manufacturers find it necessary to reduce prices in order to market their goods,—when prices are reduced, quality is reduced. If we *chose* to make incubators that could be sold at a very low price, we *could* make them, and for the first year or so we would make a great deal of more profit than at present, but, after the first year or so, we could not sell our machines where they were known. We can not afford, and we will not undertake, to shoulder the dissatisfaction, the trouble, and the abuse incident to selling very poor goods as very good goods. We are enjoying the confidence and support of our small army of satisfied and prosperous customers.

We have no occasion to misrepresent the Jubilee; it is all we claim for it and more. We consider *quality* the paramount consideration, *price* a secondary one, particularly when the *quality* will return the price many times over.

A few dollars extra for a Jubilee
will return a few hundred dollars
extra for profit.





Testimonials

R. R. No. 2, Petaluma, Cal.
JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I bought from your agent a 500-egg machine, and have just been rewarded with 496 chicks. I guess that is going some. Intend putting in five more. Now, what I want you to send me is your "directions" for operating the Jubilee Incubators and Brooders, as I wish always to read over all printed matter on the subject. Have just refilled the incubator, and if you wish to hear the result, just say so when you send me the directions, and I shall be pleased to tell you. And again I say, she is a peach.

Very respectfully,

H. D. BOWEN.

Milton, Calaveras Co., Cal.
JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: Am using one Jubilee Incubator (500-egg size) and four 4-section Jubilee Brooders and must say that I am pleased and perfectly satisfied with their operation. Have set the incubator a number of times during the last season, and hatches have averaged 95 per cent. And with your brooders I can raise every chick that is born to live. One of my late hatches were all reared large enough for hawks to catch without a single loss.

The regulation of heat and application of moisture is perfect; in fact, it seems to me, if such a thing were possible, your machines have the hatching instinct.

L. B. RHODES.

Sonoma, Cal., June 14, 1905.
JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I must say in conclusion, with our last hatch of hen eggs we got a little over 98 per cent hatch. Only heard of one man beating this. He received 100 per cent on two machines.

Yours respectfully,

DARLING & WELLS.

Paso Robles, Cal., Sept. 9, 1904.
JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I wish to state to you that I have used the Jubilee Incubator for one season, and I did great work with it. The first hatch, out of 185 eggs I got 176 chicks, of which all lived but four. I took out six hatches, and they were all as good as the first, and some of them better. I never used any other incubator than the Jubilee, but that one is good enough for me. I also got the Jubilee Brooder, and I don't think that could be beat by any other one. It is up to date in all respects. I do first-class work with them both. This is a true statement of the incubators and brooders. There have been a number of men looking at them. They said they would write to you and see about them.

Please send me your supply catalogue.

JAMES MATHIE.

Chico, Cal., Aug. 13, 1905.
JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Dear Sirs: I take this opportunity to write you of my high appreciation of the value of your Incubator and Brooder for hatching and raising chickens. I have used other kinds of Incubators and Brooders, but it is certainly due the Jubilee Incubator Company to state that though I managed to hatch and raise some of the chickens, I failed to get the results that I now get from "The Jubilee." The simplicity of the working of each machine certainly enhances the value of these machines to my mind. There is no fussing and fuming, nor do I have sleepless nights hatching chicks with the Jubilee Incubator. I wish to bear testimony to the gentlemanly kindness of the Jubilee Incubator Company. They have always cheerfully answered all questions and have been a considerable aid to me in getting into the swing of the poultry business in California.

Yours very sincerely,

J. H. SWANN.

Testimonials

Manti, Utah, Aug. 13, 1905.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: In answer to your circular sent us some days ago, will say that we have one 324-egg Jubilee Incubator bought of you last spring by Stanley Crawford. First hatch we got eighty-five per cent, and second hatch ninety per cent of all fertile eggs. This for our section of the country is very good, as the majority of Incubators are failures here, or nearly so. We are 5,760 feet above sea level, and have a light dry air. It is not uncommon for us to be without rainfall for two months.

Truly yours,

CRAWFORD BROS.

Hopland, Cal., Aug. 14, 1905.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I will state I have used one of your 324-egg size Incubators for three seasons and it has averaged me a 90 per cent hatch of the fertile eggs right along. I never had any experience running an Incubator prior to my first season with the Jubilee and by simply following your directions to the letter I don't think an expert could have had better success. One "strong point," the chicks when taken from the nursery are as strong and fluffy as any I ever took from under a hen, and with the proper care thrive from the start.

I wish you much success.

Yours truly,

G. A. HALL.

Cotati, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: Your circular is at hand. Will say for the Jubilee Incubator that it is the best machine in use to-day. I have used one for four years, and will have no other make. I find that it hatches strong chicks, more of them, and with less trouble than any other machine.

Yours truly,

A. H. WARD.

Haywards, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: Have used a Jubilee for two seasons, and I can not find fault. Ninety-five per cent average.

Yours very truly,

MR. GEO. PESTDORF.

Salt Lake City, Utah.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I have investigated the merits of a number of machines and am thoroughly convinced that the Jubilee has them all distanced, not only in giving the largest hatches, but in simplicity of operation as well. It is the best machine made for the amateur, the fancier or the large breeder, and will certainly fill a long felt want in this section, that is, enable poultry raisers to at least get big hatches with an incubator.

Yours very truly,

HUGH A. SMITH.

Morganhill, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: In reply to your favor of the 24th of Sept., I beg to inform you that the average for last season's hatching with your 504-egg incubator was 97 per cent, and one hatch was 99 per cent of the fertile eggs. (I got 483 chicks from 487 eggs.) Of the chicks hatched 98 per cent were raised until ready for the market, and but for an accident I would have had 100 per cent of one hatch. I used during last season one 504-egg incubator and four 10-foot brooders. Your brooders are equal to your incubators and they are hard to beat.

Yours truly,

H. ROBINSON.

Reedley, Cal., Aug. 15, 1905.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: We have used the Jubilee for four years past, and like it the best of any machine we know of. We have never had a 99 per cent hatch, but the chicks are always strong, lively fellows that *grow* from the time the machine starts.

We operated the machine under very trying circumstances this spring. It had a lot of duck eggs, some hen eggs, and four turkey eggs in it.

The thermometer in the room registered higher than it should on an egg, so we did some experimenting. We took out the lamp entirely, drew out the water, and filled the machine with cold water. The temperature in the machine fell immediately to the right degree, and all kinds of eggs hatched well.

Yours truly,

MRS. FLORA E. CRAWFORD.

Testimonials

Elk Horn Poultry Farm,
Farmington, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: For the last twenty-five years I have been a user of incubators and brooders, and understand perfectly what the incubator is and what a perfect machine should be. During the four years that I have used the Jubilee Incubators and Brooders, I have refrained from stating my opinion, preferring to bide my time until I should know absolutely the truth of the matter, and at this time, after many years of practical use, I am free to say that if there is a single feature about the Jubilee Incubator that is not perfect, I have failed to find it. I am using two 500-egg Jubilee Incubators and eight 4-section Jubilee Brooders, and have incubated and brooded a great many thousands of chicks, and can truthfully say that my Jubilees will hatch more and better chicks, with less trouble and expense, than any other incubator that I have ever used, ever seen, or ever heard of. If such an endorsement from one who has had enough practical experience to know is of any value to your prospective customers and to yourselves, you are welcome to it.

Wishing the Jubilee Incubator Co. continued success, I remain,

Yours very respectfully,

LAFAYETTE FUNK.

Cotati, Cal., June 12, 1905.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I bought a 216-egg size Jubilee at Petaluma and have made four hatches with it. Highest hatch we made was 278 healthy chicks. Am so encouraged I want a 500-egg Jubilee. Yours truly,

J. A. JOHNSON.

Sunnyside Asylum Poultry Farm,

Christchurch, N. Z.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: The Jubilee Hatcher purchased of you has given great satisfaction. I have taken out the third hatch this season and can confidently say it is all you claim for it. Our chicks are strong and healthy and grow like mushrooms. The machine is easily managed and keeps an even temperature in all weather.

JOHN PARLANE, Farm Manager.

Richland Egg Ranch, Hanford, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: After having used the Jubilee Hatcher for years [six years], I can honestly say that I think it will hatch more chicks and the least expense to run, and the surest in its results. My average stronger chicks than any machine. It is the least trouble to operate, hatches the year through have been 94 per cent of all the fertile eggs.

W. C. McFARLANE.

Santa Cruz, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: It may be of interest to you to know what success I had with the three Jubilee machines I bought from you last season.

As you know I bought a small Jubilee which I placed in a room with five other machines of different makes, to make a test hatch before purchasing any more. After making two hatches, I was satisfied beyond any question of doubt that I wanted no other machines on the ranch than Jubilees. Last season I incubated something over six thousand eggs, and the Jubilees averaged about 95 per cent. The other machines were not in it, so I have disposed of them all, and will run nothing else. Orders are coming in very fast, and if they keep up, I will have to have two or three more of your hatchers. I know from experience that they have no equal.

If I can be of service to you at any time, I am at your command.

Yours very truly,

H. M. WARREN.

Corning, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: My first incubator experience was with one of your incubators, 324-egg size. For the first hatch the machine was loaded with 348 eggs. Of these 299 tested out fertile and 278 hatched strong chickens. (93 per cent).

All subsequent hatches have been fully as satisfactory. It gives me pleasure to recommend the machine as of easy and certain heat and moisture, regulation, substantial make, and general reliability.

Respectfully,

R. H. BRADLEY.

Testimonials

Brunner, N. Z., April 3, 1905.

MESSRS. WICKES LTD., Greymouth, N. Z.,

Dear Sirs: Received your inquiry as to my opinion of the "Jubilee" Incubator I purchased from you last spring. I have to state that it has given me the greatest satisfaction. I will give you the results of the different hatches: my first one consisted of a full machine (108-egg); on the 8th day I tested out 24 infertile eggs, and on the 15th day 8 more, the embryos of which failed to develop, thus leaving 76 strong, fertile eggs, from which 72 chickens duly arrived—a very good percentage indeed.

My second hatch was also a full machine, but was a failure only as regards fertility of eggs. I had purchased the majority of the eggs from a poultry breeder, and on the first test took out 50 absolutely clear eggs; the second test I took out 13 more, leaving only 45 eggs in, out of which 40 chicks hatched out. The third time I ran the machine with 72 eggs in, chiefly from my own stock, and took out in two tests 24 infertile eggs, hatching out 42 chickens. In conclusion I would state that, given fertile eggs, the "Jubilee" gets right there every time, and the instructions are so explicit that no one need fear failure if followed to the letter.

Wishing you every success with the Jubilee during the coming season, I am,

Yours faithfully,

J. ROBINSON.

Blackball, N. Z., March 23, 1905.

MESSRS. WICKES LTD., Greymouth, N. Z.,

Dear Sirs: The Jubilee Incubator I purchased from you two years ago has given me every satisfaction. I consider the machine a perfect one in every respect, being easy to manage. The trimming of the lamp and turning the eggs only occupy a few minutes. I have had no difficulty in keeping the temperature even in warm or cold weather. I am very well pleased with the percentage of chicks hatched as I have had not less than 89 per cent hatched during two seasons that I have used the Jubilee machine. I also hatched 84 ducks out of 92 fertile eggs. I am very well pleased with the results, and would recommend the "Jubilee Machine" against all other makes.

Yours very truly,

JOSEPH THOMPSON.

Hamlet, Cal., Jan. 1, 1905.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I have moved over the Jubilee machines from my Petaluma ranch, so am now running four of your 500-egg size machines.

Yesterday took out 412 chicks from No. 3 machine, originally set with 500 eggs, tested out 91 unfertile eggs, and from the 419 good eggs and got 412 chicks.

From the first hatch from two machines hatched 669 chicks and up to date, four weeks, have only lost three chicks, and I must say that your brooder is an extremely efficient machine.

Respectfully,

GEO. L. RUSSELL.

Oakland, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: The incubator purchased from you is a perfect machine, works like a clock, in fact, like a thing endowed with reason. And the brooder will raise every chick put into it, at least that is my experience. Requires little attention, simply trim lamp and fill with oil once each day.

First hatch; 43 chicks from 43 fertile eggs, raised 43. Second hatch; 39 chicks from 40 fertile eggs, raised 36.

Respectfully,

A. T. KERR.

Oroville, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I am really writing for you to send me one of your supply catalogues, but I want to tell you too what the Jubilee Incubator and Brooder I bought from you last October are doing. I have made three fine hatches of eggs, all of the Rhodes' strain; of the first hatch, I have now thirty fine pullets, having sold the young roosters off, and of the second hatch I have seventy-five nice chicks eight weeks old and still in the brooder, and my last hatch just came off yesterday, and there are 140 lively little chicks. I am very much pleased with the whole outfit purchased of you, and the only regret I have is that I did not buy a size larger incubator and a larger brooder as you advised me to do.

Please send me your catalogue, and oblige,

Yours very truly,

JAMES H. HEPBURN.

Testimonials

Fresno, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I take pleasure in saying to you that I have used for three years past your Jubilee Incubator, and although I have never used any other, feel that it is not possible to build a machine that could produce better results. Results have been most satisfactory as regards percentage of hatch and the little care required while running them.

The fact that I have always said to prospective buyers that the Jubilee ran itself. I am satisfied that if your company had an active canvasser in the field there would be no less than 75 per cent of the incubators now used, branded "Jubilee." While I am one of the first users in Fresno County of your hatcher, I know of a great many now in use, and have yet to hear of the first one that has not given excellent satisfaction. I have used three sizes.

If you in the future have a correspondence with prospective buyers, you may have no hesitancy in referring them to myself if they are residents of my neighborhood.

Yours truly,

H. H. HOLLAND.

Oakdale, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: The 216-egg incubator I bought of you is satisfactory. It is averaging with me about 90 per cent of fertile eggs. Have good luck raising those hatched.

L. H. HILL.

Pine Flat, June 7, 1905.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: Will say that the machine as a whole ran perfectly in regard to temperature, and I can control the machine to within less than one-half degree. I ran the machine five days without eggs. I think the machine is O. K., but it will not hatch ducks from infertile eggs.

Yours respectfully,

B. J. BYNON.

Sonoma, Cal., June 5, 1905.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: With one of your 504-egg machines, this spring set six times, I took out from 400 to 446 chicks each time. The hatch I got 446 chicks there were only 7

eggs left in the machine at the end of the hatch. I think that is pretty good for a machine that has been used for five years.

Yours truly,

W. J. HISER.

Calistoga, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: About October 1st I purchased one of your 500-egg incubators from Thompson, Beard & Sons, of Napa, and it has proven itself to be a daisy. It was rather hard to get fertile eggs the first hatch, but I got 458 chicks and have averaged about the same on the last two hatches. I am thinking some of getting another machine of the same size for duck eggs. I wish you would inform me where I could get some good eggs for hatching, also how many duck eggs your 500-egg size will hold.

Yours very truly,

H. H. BROWN.

P. S. I might add that I have now over 1,000 good chickens all hatched from three batches by your 500-egg size incubator.

H. H. B.

Los Angeles, Cal., April 20, 1905.

I have used Jubilee Incubators all this season and think they are the best machine. Last hatch I had 480 good eggs and took out 437 chicks.

Yours truly,

R. SATO.

Los Angeles, Cal., May 10, 1905.

Gents: In reply to your inquiry as to how I like the Jubilee Incubator, will say that I think it the best. I never saw an Incubator before I bought the Jubilee, and out of 100 good eggs in machine, I hatched out 96 strong, healthy chicks, and no cripples.

I believe if a man wants to make a success of the poultry business, he should buy a Jubilee.

Yours truly,

2270 Alamo St.

WM. TITUS.

Seven Mile, Greymouth, N. Z., March 31, 1905.
MESSRS. WICKES LTD., Greymouth, N. Z.,

Dear Sir: I wish to say a word in praise of your Jubilee Incubator. It is just as represented, and is much more perfect than I expected. I have examined every egg that failed to hatch, and find your machine hatched every one hatchable.

Yours faithfully,

LESLIE HILL.

Testimonials

Petaluma, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I have been in the poultry business for 15 years, used five different makes of incubators, fairly tested them all, and found the Jubilee Incubator far superior to them all.

Yours,

R. M. HYATT.

Parawai, Thames, Auckland, N. Z.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I have had good results with the Jubilee Incubator. In the first hatch I put down forty eggs, and after seven days tested out seven; out of the remaining eggs I got 33 chicks of which 31 are still living. In the second hatch I put in 92 eggs, and took out 18 infertiles, and got 74 chicks of which 60 are still living. All the eggs are from my own stock.

R. MILLER.

State Coal Mine, Greymouth, N. Z.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I should like to express my satisfaction of the 108-egg Jubilee machine I purchased from you last season. It has worked perfectly. I have had other machines, but the Jubilee eclipses all I have tried.

Yours truly,

T. BATTY.

Greymouth, N. Z.

MESSRS. WICKES LTD., Greymouth, N. Z.,

Dear Sirs: Your Jubilee Incubator which I have used for a season is a very reliable machine and gives very little trouble. I have tried one of another make before yours, but got tired of being night-watchman to an unreliable substitute for a hen, so I gladly parted with it after trying your machine, which never gave me any uneasiness after its trial.

Yours truly,

F. CRAGG.

Newark, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I have a Jubilee Incubator and in all the hatches that I have made with it this season, I have the pleasure of

saying that I got 98 per cent the whole season. I have seen other machines, but I never saw one that beats the Jubilee. The chicks are the smartest I ever saw. Out of 98 per cent of chicks hatched I have raised 97 per cent with the Jubilee Brooders. People have come to my place and say that it is the best machine that they have ever seen.

I shall take pleasure in recommending the Jubilee Incubators and Brooders to any one who wants to start in the poultry business.

Yours very truly,

F. D. SMITH.

Petaluma, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: Have used a Jubilee Incubator for two seasons, and I can not find fault with it if I would. We do not think it can be beaten. Have always made good hatches. Out of one batch every egg out of three trays hatched. Have made two hatches of 400 chicks each.

Yours truly,

GEO. SMITH.

Watsonville, Cal., Sept. 2, 1904.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: We received your letter and contents noted. In answer will say I think the Jubilee Incubators and Brooders perfect, and praise them highly to all who inquire about them. I think there will be several sold in this valley this season.

Yours truly,

C. B. ROBERTS.

Corning, Cal.

JUBILEE INCUBATOR Co., Sunnyvale, Cal.,

Gentlemen: I have used the Jubilee Incubators for the past two seasons, hatching 90 per cent to 94 per cent of all fertile eggs. From the last hatch this season received 481 chicks from a possible 512 fertile eggs. I can heartily recommend them to be entirely satisfactory.

Wishing you continued success in 1904, I am,

Yours very truly,

F. W. WAITE.



A HEART TO HEART TALK



WE have always noticed that the customer who comes to our factory, gets acquainted, sees what we are doing, how we are doing it, and why,—has a good talk about all the puzzling problems in artificial incubating, artificial brooding, feeding, breeding, and what not, gets straight-forward, logical, and common-sense advice and explanation,—when the customer will do that thing, he makes a mighty good customer and a mighty good poultryman. If every person sufficiently interested in poultry to make inquiry for our products would come to us personally and go into every detail, we would have so much business we would have to move again and locate in the middle of a fifty-acre tract. It is the personal contact, the first-hand knowledge on your part and on our part,—it is the individual conviction, the personality that enters into the discussion, that makes this tremendous difference. To know a customer from personal contact is a widely different matter than to know a customer from a catalogue or mail acquaintance, and the ideally conducted business is where every customer is personally and intimately known to the seller. Printed pages and typewritten words must, of necessity, be the only means of communication and acquaintance with thousands and thousands of Jubilee customers, and in an effort to get acquainted, to make you feel that we are interested in you and your poultry, to make our appeal strong and effective, we write this "Heart to Heart Talk," as the newspapers are pleased to style it. We want you to read every word,—not miss a line,—and please think it over as you go along, then begin again and read carefully the second time. If you will, we feel we will have had a chance, and a fair chance is all we ask.

Now, to begin with: It is possible for a Steinway piano to be out of tune, for an Elgin watch to be out of time, for the United States Treasury to be out of money, for a Jubilee Incubator to be out of order. The piano is easily tuned, the watch quickly regulated, the treasury replenished, the Incubator adjusted,—all because the quality is there,—there is something behind it. The irregularity was due to circumstance,—not to any fault of the maker,—the Steinway is the best of pianos, the Elgin a wonderful watch, there is no nation so great as the United States, and there is no incubator to compare with the Jubilee. Furthermore, we want to say right here that the Jubilee Company is just as interested in making the finest goods in the world as any concern in existence, and in our own little field we are just as able and as willing to protect our customers and maintain our reputation as is Uncle Sam to take care of this giant republic.

We feel a duty and obligation to every buyer of Jubilee machines, and there is just as surely an obligation due us from the buyer. Uncle Sam protects every citizen, every citizen protects Uncle Sam. The great point is this: When we sell you an incubator, that incubator must be right, and our duty to you is to make it right and insure you a successful experience; when you buy an incubator from us, it is your duty to us to tell us if it is right; tell the truth, all of the truth, and nothing but the truth. When we sell a Jubilee, we presume it is right. Some miscomprehension on your part, some carelessness, might make it wrong,—something very trifling could make it a failure, whereas, to report to us and receive an explanation will make it right. The Jubilees will do everything but think; you must do the thinking, and if you do not quite understand, you must let us help you think,—if you do not, you are wronging yourself, and the wrong to us is a hundred times greater. One machine without the thought behind it could do us tremendous damage, and could influence scores of possible customers to disregard the wonderful claims of the Jubilee. A whole neighborhood could be damaged,—without the Jubilees a great percentage of the legitimate profit is lost,—with the Jubilees it is saved,—do you realize your responsibility to yourself, to your community, to us?

When you buy a Jubilee, you are paying for protection, for satisfaction,—for the best machine in the world, and you get everything you pay for if you will give the machine a chance, and give us a chance.

If there is a Jubilee Incubator in the world that is not giving satisfaction, we want to know it. It is a huge injustice to keep us in ignorance of it. It means the loss of hundreds and, perhaps, thousands of dollars to us, and to our customers to have a single misdirected Jubilee in any community.

Another important point: Every item we list in our Supply Department is right, absolutely right. With our splendid facilities we can handle goods more cheaply than any other house, so please bear in mind: When we price goods, our price is the lowest at which equally good goods can be regularly and legitimately sold. A dollar is never more than a hundred cents, although it may **seem** one hundred and fifty. We purchase in the right markets in large quantities, sell by mail over a large territory and in tremendous amounts, handle at a minimum cost, insuring you the greatest possible value for your money when purchasing from us. All that we make, all that we handle, must be good, the best of its kind, and we guarantee your satisfaction in every single case. Our completely revised price-list of Poultry Supplies will be a revelation.

We believe in quality, first, last, and all the time. The Jubilee Incubators are made from the best materials in the world,—they are the best machines and sell in every market and in competition with all others, even though the selling price is much more. The Jubilee Poultry Foods and Rations will be made from the best materials in the world, they will sell in every market in competition with all others, and the price of the Jubilee Brands will perhaps be more than for others, but—the quality is there, and you get full value received, no mistake, no worry—you get your money's worth, and we guarantee you satisfaction.

We will have nothing but satisfied customers if we are given a chance. We will do our part; you do yours. We are on duty all the time waiting your commands.

Sincerely,

JUBILEE INCUBATOR COMPANY



Annual Catalogue

POULTRY SUPPLY DEPARTMENT

OF THE

Jubilee Incubator Company

Manufacturers of

The Jubilee Incubator and Brooders
and Jubilee Poultry Houses and Fixtures

Also Manufacturers of and Dealers in the

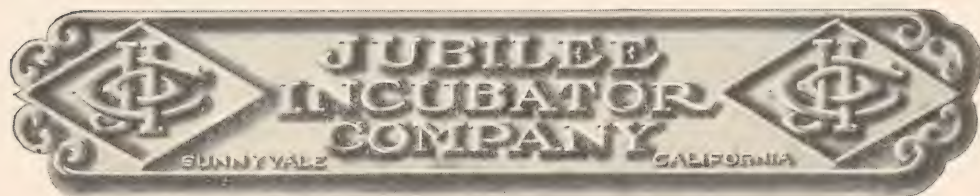
JUBILEE BRANDS OF POULTRY FOODS, SPECIALTIES, AND
BALANCED RATIONS, POULTRY APPLIANCES,
REQUISITES AND SUPPLIES OF EVERY
DESCRIPTION

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JUBILEE INCUBATOR COMPANY

SUNNYVALE, CALIFORNIA

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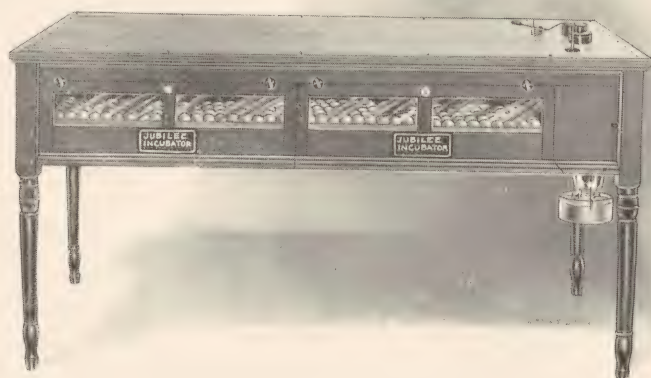




Jubilee Incubators



The Machines That Will
Make California Famous



FOREWORD

The Supply Department of the Jubilee Incubator Company was established at the request of hundreds of Jubilee customers who have sought to secure through us everything that they might require in poultry production for profit. We had long delayed establishing the Supply Department, knowing the many responsibilities we would thus assume; we have, however, taken the step, and we are now prepared to render our customers the very best service—supplying the best of everything at the fairest prices. Our reputation is back of everything we sell.

It will be our endeavor to carry "The Best of Everything in Poultry Supplies," and in such quantities as will enable us to give our customers good service. Every poultryman has favorite methods, favorite foods, favorite preparations, and favorite appliances. We can fill your own particular orders if what you require is purchasable, and it will be gotten to you promptly, and always at a fair price. If our Supply List does not contain the items you want, send your order just the same, and it will be filled. It is a great convenience to the buyer to be able to get all necessary goods from one firm.

INSTRUCTIONS TO BUYERS

First and Foremost: If we send you anything that is not as you think it should be, tell us about it. We will make it right. We will not have a single dissatisfied customer if we are given half a chance. In handling large quantities of supplies, many errors, omissions, and annoyances are bound to creep in—we will do our part, you do yours, and there can nothing happen to mar our business relations, which we trust will extend over columns of figures and years of time.

Second: Please observe with care the form of the order blank, and fill in the form completely and carefully. It will save much trouble and annoyance.

Third: All items in the Jubilee Catalogue and in the Jubilee Supply List are quoted F. O. B. Sunnyvale, unless otherwise stated. Mail shipments are always post-paid. Express shipments are F. O. B. Sunnyvale. If shipments by freight to your station must be prepaid, send enough to pay the charge,—if you send too much, we will return it. We make no charge for boxing or cartage.

Fourth: If you require but one or two small items, the cost of transportation would almost equal the cost of the goods. Go over our List and make up an order that will equal at least 100 lbs., and the saving in transportation will amount to considerable. Or, club together with your neighbors, and make up a considerable order, send us the list, and we will quote you a special price on the combination. This is a money-saving idea for you. We can make you a Special Combination Price; as the order would be large, the cost of boxing and cartage and general expense would be less,—you will be the gainer on account of the saving to us. Don't forget this Combination Idea.

Fifth: Money and merchandise form the basis of all transactions, and money must come in for its due share of attention. Make remittances by Draft, Check, P. O. Money Order, Express Money Order, Currency or Stamps. Currency is sent at Sender's Risk, stamps accepted for amounts not greater than \$1.00. Would prefer Drafts rather than personal checks.

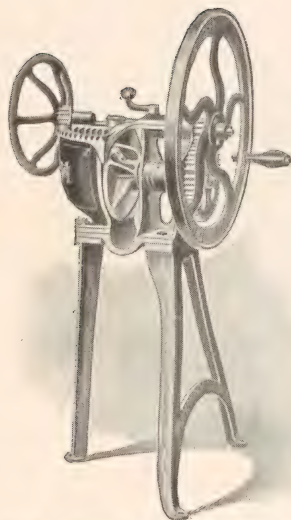
Terms: We would request that full remittance accompany each order. It saves a great deal of detail work and results in greater satisfaction in every way. To carry book accounts with all customers would involve such a quantity of materials and labor that the prices at which we quote supplies would have to be materially advanced in order to cover this increased expenditure. Unless ordering in large quantities and at very frequent intervals, *always* send the money with the order. All customers having regular accounts are requested to remit the full amount of their bills the first of the month following the shipment of goods. This is necessary, and we request careful and prompt compliance.

We very often have special catalogues and pamphlets on different supplies, machines, etc., etc. Send to us for what you want,—if we have it, or can get it, it will be sent, post-paid. We are at your service,—command us.

Yours very truly,

JUBILEE INCUBATOR COMPANY

Humphrey Bone Cutters



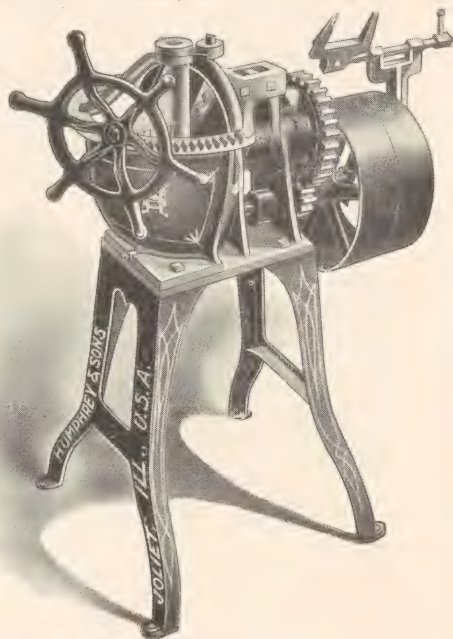
No. 1 Humphrey Bone Cutter, \$14

WE recommend the Humphrey Open Hopper Green Bone and Vegetable Cutter to our customers, with the assurance that it is the best Bone Cutter made. The Open Hopper that is always open, whether the machine is filled or empty, allows the bone to be dropped into the machine immediately after cutting the string of the package. There are no split nuts to be taken apart, no followers to be handled as in all other makes of Cutters, and you do not have to cut the bone into small pieces with an ax as is required by other machines. **The machine does the cutting.**

THE gearing on the Humphrey Open Hopper Cutter is so made as to give the **greatest leverage** and **cutting speed possible**. This is one of the strong points of the machine. There are no dead friction surfaces, and the thrust of the cutter-head is taken on the oil-soaked fiber washer. The heavy cutters are made of the best tool steel, tempered

very hard, and made tough by cooling in oil. The Cutters have corrugations on the cutting edge which cut up the chip of bone, so that it readily breaks apart. All parts of the Humphrey Open Hopper Cutter are exposed at all times for cleaning. There is no possibility of the cutter-head clogging, owing to the immense clearance of the cutters. We claim that it will run easier, cut faster and better, and cut more varieties of poultry foods than any other Bone Cutter made. It is better finished, heavier, and cheaper, than any other makes, and we invite a comparison, knowing that the Humphrey machine will please you.

THE Humphrey Open Hopper Green Bone and Vegetable Cutter is made in six sizes to suit the wants of the keeper of twelve hens, or the large poultry farm with its thousand head of stock.



PRICE LIST

No. 1 Hand Power....\$14.00	No. 6 Medium Power. 24.50
No. 2 Small Power....15.50	No. 3 Direct Power....40.00
No. 2½ Hand and Power..... 18.00	No. 4 Geared Power.. 50.00

The Humphrey Grit Mortar

HEN'S teeth must be supplied in some form of grit, and there are few places in our country where you do not find glistening granite boulders, flint or hard rock, which can be readily reduced into a satisfactory grit. The Humphrey Grit Crusher is a circular mortar, 9 inches in diameter and 11 inches high, with a removable perforated bottom. These mortars are one of the handiest necessities about a poultry plant. With one of them you can break up enough grit in half an hour to last your fowls several weeks, and the material costs you nothing.

Grit Mortar, weight 40 lbs., \$4.00.

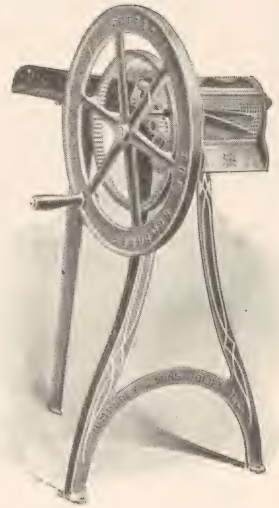


Humphrey Clover Cutter

THE Humphrey Clover Cutter is a heavy, well-finished machine to cut clover and alfalfa hay into lengths one-eighth inch and less. Forty cuts of the knives for each revolution of the hand-wheel make speedy work of clover cutting, and the heavy balance-wheel lightens the work of the operator. The bed-knife is double-edged, thus giving double the wear over others. The cutting knives are strong and durable, and can be readily sharpened and adjusted.

THIS machine is not intended for heavy work. If green food is cut, the food must be fed through slowly, and in an even layer. For the small poultryman with 100 hens or less, the machine is admirably suited. If a larger machine is required, send for special literature on large cutters.

A PORTION of cut alfalfa steamed over night and mixed with the regular mash will be found an excellent investment of time and money.



Bench Clover Cutter, weight 85 lbs.....\$10.00

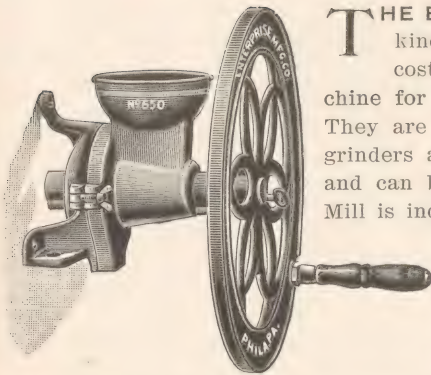
Stand Clover Cutter, weight 105 lbs.....12.00

Send for fine illustrated catalogue of the Humphrey machines.

Enterprise Bone Mills

THE Enterprise Mills are undoubtedly the best Mills of their kind. They cost more, but they do more, and, after the cost is met, the purchaser would not do without the machine for double the amount. We recommend the Enterprise. They are heavily constructed, of the finest materials, and the grinders are warranted equal to steel. The Mill is adjustable, and can be used for cracking corn or grinding flour. Such a Mill is indispensable on the poultry farm for grinding charcoal, grains, dry bones, herbs, etc. It will pay for itself many times over the first season.

The Enterprise is an extra good Mill at a fair price; other mills are cheaper, but the price is not so fair, considering the quality.

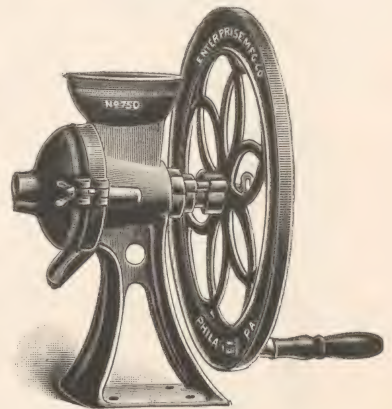


The No. 650 Enterprise Mill is especially designed for those who wish to economize space by attaching the Mill to a wall, post, or partition. Large screws hold the Mill firmly in place. The No. 650 is, in every particular, excepting the standard, the same as No. 750.

Price, complete, \$7.50.

The No. 750 Enterprise Mill is designed for use on a bench or permanent standard. Large screws hold the Mill in position. The handle is large enough to allow the use of both hands, and the heavy construction permits of a great deal of work.

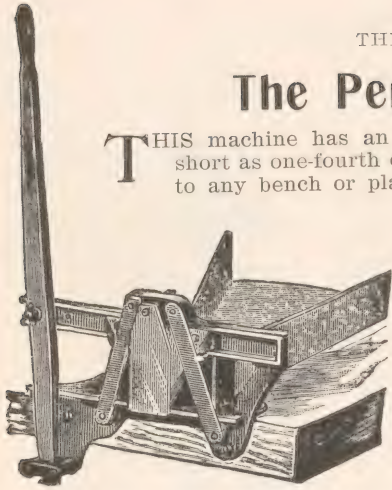
Price, complete, \$8.50.



The Perfection Clover Cutter

THIS machine has an adjustable gage, and cuts any kind of hay or grass as short as one-fourth of an inch, and as much longer as desired. Can be screwed to any bench or plank that is stationary. It occupies but little space, being only 16 inches long by 11 inches wide, and weighs seven pounds. The knife cuts both ways, so that it does a great amount of work for its size, cutting enough feed in one minute for thirty fowls.

Price, \$3.00



Star Whitewashing and Spraying Machines

THE Star Whitewashing, Painting and Spraying Machines are made from the finest materials, are made by a firm which has given many years to the manufacture of these machines; are made to give service, and every machine is guaranteed perfect in material, construction and workmanship. There are scores of cheaper machines, but never a better one. They are made for business and we recommend them unqualifiedly.

We have special catalogues of these machines illustrating eleven different styles. We illustrate three machines which are prime favorites.



STYLE "A." The largest, heaviest, and best machine of the whole line. Capacity equal to the work of 25 men with brushes in the same time. Fully equipped 200-pound pressure gage, everything complete. A splendid machine—made for wear. Price, \$35.00.

STYLE "H." This "Little Wonder" Machine is made of heavy galvanized iron, with all joints well riveted and heavily soldered. Tested to 100 pounds pressure, fully equipped, complete in every detail. Thoroughly first-class in every particular. Capacity of tank, 3 gallons of liquid. Fitted with a heavy all-brass pump, 10 feet of discharge hose, nozzle, cock, etc. An admirable machine for the work around barns, dairies, nurseries, poultry farms, etc. Price, \$9.00.

STYLE "I." A most popular style. Beautifully made of the finest materials. First-class in every respect. Mounted on a wheelbarrow frame, making it extremely convenient. Capacity of tank, 12 gallons. Capacity for work equal to the work of 8 men with brushes in the same time. Fully equipped. A genuine economy on the poultry farm. Price, \$25.50.

Remember

These machines are adapted for whitewashing; applying cold-water paint; spraying fruit trees; applying disinfectant, lice-killer, etc., and for a variety of uses. We have special literature. If you are interested, send for the catalogue.



Myers' Bucket Spray Pumps

THE Myers Spray Pumps, manufactured in scores of styles and sizes and for every possible purpose have a world-wide reputation. They are Standard goods in every particular, and price considered they present the highest value and the highest efficiency obtainable.

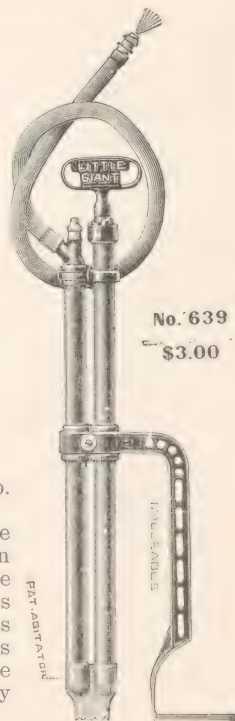
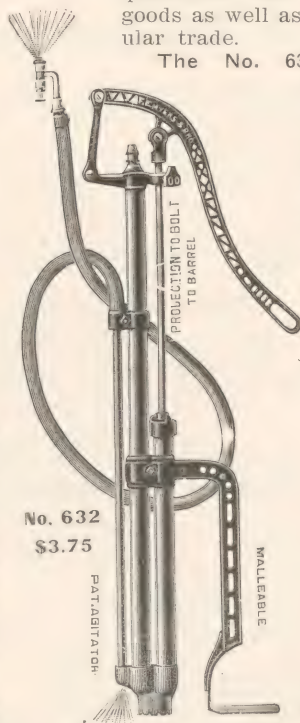
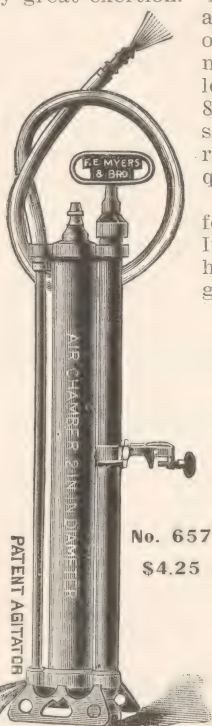
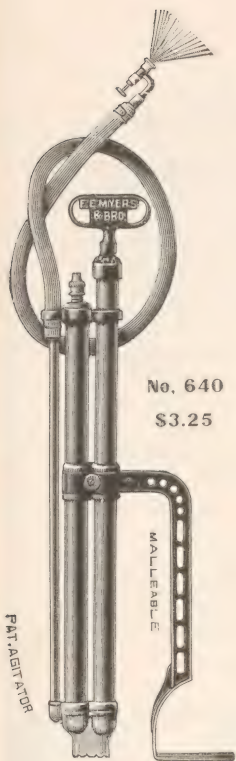
The pumps are constructed of brass, a material not affected by acid and arsenic sprays which are sometimes used. All the labor is accomplished on the down stroke, thus bringing the weight of the body to bear, and owing to the air-chamber construction the operator is enabled to maintain a continuous spray of uniform density without any great exertion.

The patent agitator insures the liquid being kept agitated and the solution of whitewash, spray, or preparation uniform throughout. The pumps may be fitted with any style nozzle and with any length of hose extension, also pipe extensions. 8-ft. pipe extension, used in spraying in trees, spreading whitewash on buildings, rafters and roofs, are 50c extra. Extension hose of finest quality at 12c per foot.

The Myers pumps are obtainable in any size, for barrels, for wagons,—in fact for any purpose. If special pumps are required write to us. We have a large stock of all styles priced and can get other patterns on short notice. We buy in quantities and wholesale these goods as well as supplying our regular trade.

The No. 639 "Little Giant"

Pump works with a plunger. It is simpler in construction than No. 632, and the price asked is very reasonable.



The No. 639 Pump is fitted with 3 feet of hose, Imperial combination, fine, coarse and solid-stream nozzle, and malleable foot-rest. Price, \$3.00.

The No. 632 Lever Bucket Spray Pump is fitted with a lever handle like the usual pump handle. It has more air-chamber than any other pump similar; all of the work is done on the down stroke of the lever, thus insuring ease in operation. The Pump is fitted complete with 3-ft. hose, a graduated Vermorel fine, coarse, and solid-stream nozzle, and malleable foot-rest. When used as a barrel pump, remove foot-rest and bolt to the barrel. Price, \$3.75

The No. 640 Pump is the same general style as No. 639, but is provided with a good-sized air-chamber which adds to the efficiency of the pump. It is better than the No. 639 and sells for a trifle more. Price, \$3.25.

The No. 657 Bucket Spray Pump is the latest improved pattern. The Pump is made with a very large compressed air-chamber two inches in diameter, having at least four times the air chamber capacity of the ordinary Spray Pump. The pump is built with a wide base which enables the pump to stand alone, being a great convenience to the operator. Has brass valve-seats, brass cylinder, and ball valves, and in every way is far in advance of anything ever offered at anything like the price. We make a special price on these pumps as we know they are extraordinarily good and should be used by the practical poultrymen. Price, \$4.25.

Jubilee Perfection Sprayer



MADE expressly for The Jubilee Incubator Co. We purchase them in large quantities, and wholesale and retail them all over the Coast.

The Jubilee Perfection Sprayer is one of those genuine necessities around every ranch and poultry farm. Its price will be saved many times in the saving of time alone, and it will prove a great economizer of Disinfectant and Lice Killer. With this sprayer, the Jubilee Lice Killer, Poultry Spray, or Fly Fixer can be applied easily, thoroughly and effectively, and with a minimum consumption of liquid. The sprayer is made from charcoal tin—will not rust out—and the workmanship is first-class in every particular. There is no hand sprayer “just as good.” We guarantee them, our name is on them, and we know they are right. A remarkably good sprayer at a very low price.

Price, 60c.

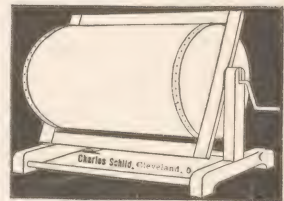
Lightning Lice Killing Machine

THOSE who have been troubled in finding a remedy for lice will find in these machines a help indeed. Simply put the fowls and the lice powder in the machine, give the crank a few turns and the work is done. Capacity 100 fowls, 300 chicks per hour. It is warranted to do effective work.

The machines are sold in two sizes, including ½-lb. can of special lice powder with each machine.

No. 1 Machine, for Chicks, - - \$3.00.

No. 2 Machine, for Grown Fowls, - 4.00.



LIGHTNING LICE KILLING POWDER

A specially prepared, highly efficient powder for ridding fowls of lice. Made especially for use in the Lightning Lice Killing Machines. Put up in tin cans, very strong and very good.

½-lb. Can, 35c; post-paid, 45c.

1-lb. Can, 60c; post-paid, 75c.

Jubilee Drinking Fountains

THE Jubilee Fountains are made from heavy galvanized iron. Will last a lifetime. Easily cleaned, and very convenient. They are durably made and handsome in appearance. Price—2-Quart Size, 30c; 1-Gallon, 45c; 2-Gallon, 60c.

PRICES:

2-Qt. Size, ... 30c

1-Gal. Size, .. 45c

2-Gal. Size, .. 60c



LAMBERT'S PREPARATIONS

THE Lambert's Death to Lice Preparations are known, and favorably known, from coast to coast. All poultrymen know of the remedies, thousands of them use them. There are none better made.

DEATH TO LICE POWDER

FOR body lice on setting hens, laying, or exhibiting poultry. This powder does not injure eggs or chickens, or soil the plumage in any way. It is also invaluable for lice on horses, cattle, or plants, ticks on sheep, fleas and lice on dogs, cats, and pets. Also a valuable disinfectant.

5-oz. Box, 10c. 15-oz., 25c. 48-oz., 50c.
100-oz., \$1.00.

DEATH TO LICE OINTMENT

FOR head lice on children or chickens. Scaly shanks on fowls.

10c. and 25c. per Box, post-paid.

DEATH TO LICE SPECIAL

A POWDER for moths in carpets or furs. Adapted also for mixing with the original powder when used for fleas, or it can be mixed with kerosene or whitewash and used as a liquid lice killer.

4-oz. Box, 10c. 16-oz. 25c.



CONKEY'S ROUP CURE

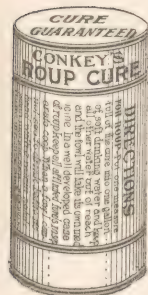
CONKEY'S ROUP CURE is known from the Atlantic to the Pacific. It has thousands of users who are willing to testify to its merit. The cure is in a dry form, is simply put in the drinking water, and the fowl takes its own medicine. The manufacturers guarantee it to fulfil all claims.

Price, post-paid, 50c. and \$1.00

FLOOD'S ROUP CURE

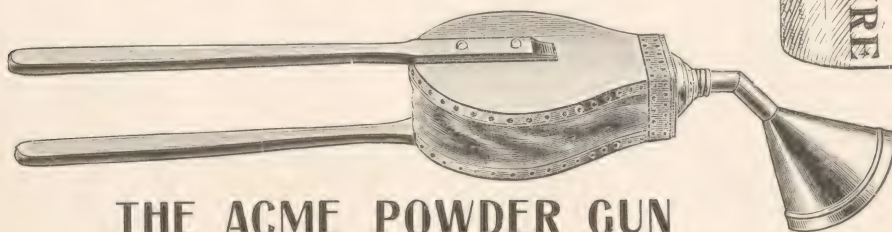
FLOOD'S ROUP CURE is a simple, safe and sure cure for roup. The cure is put in the drinking water, and the patient takes its own medicine. One package will medicate fifty gallons of drinking water. It is also a tonic and preventative of disease.

Price, post-paid, 50c. and \$1.00



Price

\$1.00



THE ACME POWDER GUN

THIS Powder Gun is designed for applying insect powder in a fine spray or mist to nest boxes, setting hens, roosting room, and to the fowls themselves. Simply load the bellows and work the handles. The gun is fitted with an elbow joint for special work. The Bellows is leather, the handles and body of wood, and the discharge of heavy tin.

Price, \$1.00 each.

Jubilee Poultry Spray

Disinfectant

Vermicide

Antiseptic

AN INDISPENSABLE PREPARATION for spraying and disinfecting poultry houses, brooder houses, stables, dairies, and all places subject to uncleanness, poisonous odors, and disease.



A wonderful remedy for fleas, lice, mites, ticks, roaches, and all manner of vermin. Contact with this Spray is sure death to all insect life. Its liberal use will prevent all possibility of disease germs breeding and multiplying in the poultry houses, and will obviate the necessity for the use of the more radical remedy—Jubilee Lice Killer.

Jubilee Poultry Spray is non-poisonous, non-corrosive, non-explosive.

It is used by poultrymen and stockraisers generally, and as we put our label on this Spray we guarantee that it will please.

It is most economical, and fully as efficient as the highest-priced preparation on the market. We put up this preparation ourselves, and we are not asking that you pay us dearly for a fanciful name or a great reputation. Suffice it to say, we recommend it, and want every Jubilee customer to use it. It is economical. It is good—the best of its kind.

WHAT IT WILL DO—WHAT IT IS FOR

AS SHEEP DIP: It will cure scab, is sure death to ticks, lice, and parasites. Is harmless, economical, and convenient. Is a benefit to the wool; heals sores, wounds, etc.

Dip the animal, head and all, in a solution of 100 parts water to 1 part spray.

FOR HOGS: Spray sleeping quarters liberally with a solution of 25 parts water to 1 part Spray. Spray the animals thoroughly. Hang cloths saturated with the Spray in the sleeping pens. Liberal use of this Spray will prevent worms, cholera, and disease.

FOR HORSES AND CATTLE: To cure mange, spray with a 50 to 1 solution. Repeat until cured. Spraying with a 100 to 1 solution will kill ticks, fleas, and all vermin. A 15 to 1 solution will heal sores, scabs, cuts and galls.

THIS SPRAY IS INDISPENSABLE TO THE STOCKMAN. IT IS INVALUABLE TO POULTRYMEN.

FOR MITES: Spray the house liberally with Jubilee Spray, using 1 part of the liquid to 50 parts of water. Spray thoroughly into all the cracks and crevices, and paint roosts with undiluted liquid; also sprinkle on dropping boards. Use the Spray freely once each month.

FOR BODY-LICE: To exterminate every louse and louse egg, dip the entire fowl in a solution of Jubilee Spray—100 parts water to 1 part Spray. Spray houses thoroughly. Paint roosts.

FOR CHICKEN CHOLERA: Add Jubilee Spray to drinking water, 1 part Spray to 400 parts water. Use this solution in mixing food. Hang cloths saturated with the Spray in the house.

TO DISINFECT: Spray copiously with a solution of 75 parts water to 1 part Spray.

A Jubilee Sprayer will be found a great convenience for spraying.

The Jubilee Spray will be found effective and most economical, if used as directed.

1 Pint, 25c; 1 Quart, 40c; 2 Quarts, 75c; 1 Gallon, \$1.25;

5 Gallons, \$5.75; 10 Gallons, \$10.00.

The liquid is put up in strong tin cans, neatly labeled, and each label bears full directions for use.

Jubilee Lice Killer

Economical

Convenient

Certain

THE Jubilee Lice Killer is sure death to mites, fleas, ticks, and all vermin affecting poultry and domestic animals.

When the liquid is placed in contact with the air, an evaporation takes place and a gas or vapor is formed. This gas or vapor is the same weight as air, and it hovers around the bodies of the fowls or animals, penetrating the plumage or hair, and exterminating all insect life that it comes in contact with. Nothing escapes it. If the poultry houses are given a treatment every few weeks, there is absolutely no danger from annoyance or loss on account of lice or mites. It is economical, it is convenient, and it is certain.

We put this Lice Killer up under our own label. We know there is none better, else we would have it. Reputation does not kill lice or rid the houses of vermin—we do not ask you to pay for reputation. The Jubilee Lice Killer bears our trade-mark—It is good.

Nothing is so annoying, nothing responsible for so much loss, as lice, mites, etc. This is the way to avoid the loss:—

FOR MITES: Paint or spray the mixture thoroughly about the poultry house, forcing it into all the cracks and crevices. Paint undersides of roosts once each month.

FOR BODY-LICE: Paint a wide board with the liquid and suspend under each roost. The fumes will penetrate the plumage of the roosting fowls and destroy all insect life.

SETTING HENS: Sprinkle Jubilee Lice Killer in a box or barrel and confine hen in box for an hour or so. Allow for ventilation. If chicks and hen have lice, treat the hen as suggested, return to chicks, and the chicks will be freed from the pests. Do not treat the small chicks by this method.

1-Pint Can,\$0.20

1-Quart,35

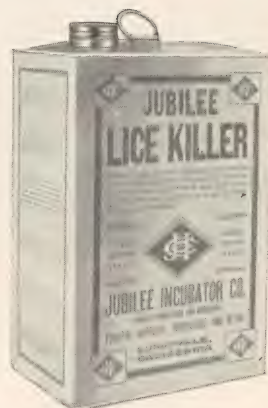
1/2-Gallon,60

1-Gallon,\$1.00

5-Gallon, 4.00

10-Gallon, 7.50

There is nothing quite so good for applying these remedies as the Jubilee Perfection Sprayer—60c.



When used as a general disinfectant, Jubilee Lice Killer may be diluted with kerosene; if the fumes are expected to do the work, use the mixture full strength.

FOR HOGS: Spray the Lice Killer on bedding and in sleeping quarters. Hang cloths saturated with the liquid in sleeping quarters. Spray troughs and swill-barrels with the liquid, to kill disease germs.

When a general disinfectant is required, use Jubilee Poultry Spray—it is a wonderful disinfectant, vermicide, and antiseptic, invaluable to the poultryman and farmer.

Jubilee Fly-Fixer

Harmless

Effective

Lasting

A SURE Remedy to protect live stock from the plague of flies, mosquitoes, lice, mites, blow-flies, etc. Particularly valuable for driving horses, and milch cows. Used generally by blacksmiths, liverymen, and veterinarians. The use of this preparation is most profitable and humane. Cows will give more milk, and horses will do more work when freed from the torture of flies and mosquitoes. The owner reaps the benefit. This preparation bears our trade-mark—there is none better.

1 Pint,\$0.25

1 Quart,40

1/2 Gallon,75

1 Gallon, 1.25

Use the Jubilee Perfection Sprayer to apply.





STANDARD STOCK FOOD

EVERY animal on your place represents so much tied-up capital. You want that capital to earn as large a per cent of profit as possible and as quickly as possible. You want to get the most money in the shortest time, and you get your money by the sale of the steers, the hogs, and the sheep, from the work and service derived from the horses and mules, and from the milk and eggs from your cows and poultry. If you can make your horses feel better, eat better, assimilate their food better, you get more and better work from them, and the animals themselves continue to grow more valuable. If your cattle and hogs eat better, assimilate more of their food and with a better appetite, you get a greater profit on the quick increase, more money comes faster. How to accomplish all this is the question.

Standard Stock Food will do it. Standard Stock Food was made for that purpose, and is the final result of a great many years of hard application and study, and of practical experience. Standard Stock Food is the concentrated knowledge and experience of experts, put into feed-able and palat-able form for the use of the many.

No animal can do so well without Standard Stock Food as it can with it. If you are not feeding Standard Stock Food you are not getting the greatest result; not getting the most for your time and money and opportunity. The animal in its natural state did not live on the rich grains you are crowding into it to-day. It was on the range the year round, and instead of subsisting on two or three varieties of plants, as it does now, it had a nip of nearly everything that grew. The animal's instinct had a chance to work; it got those food elements its system craved and needed. On a stinted ration and under confinement, we must supply what nature supplied in the hundred varieties of grasses and grains which the animal formerly had. Standard Stock Food does that very thing, and twenty years of experimenting has proved beyond a doubt that it does do it, and does it better than any other preparation in the world. It IS the Standard.

Standard Stock Food is used by over 100,000 regular customers. Its reputation is growing, its field is widening, and California will soon be a large consumer of the standard products.



Buy it; Try it; and be Convinced.

3-lb. Boxes,	\$0.50
8-lb. Boxes,	1.00
25-lb. Pails,	2.50

WHAT IT COSTS TO FEED STANDARD FOOD TO AN ANIMAL A MONTH.

A fattening steer	20 to 30 cents
A pig or shoat (according to size)	.3 to 8 cents
A brood sow	.5 to 10 cents
A fattening hog	.10 to 15 cents
A milch cow	20 to 30 cents
A calf	.5 to 8 cents
A sheep (according to size)	.2 to 5 cents
A horse	20 to 40 cents
A colt	.10 to 20 cents

Standard Poultry Food

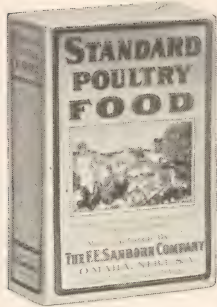
It Makes Poultry Pay

It Makes Hens Lay

It Makes Chicks Grow

It Promotes Thrift and Vigor

It Adds to Your Profits



STANDARD POULTRY FOOD in the past few years has gained the reputation in the poultry yards of many of the leading poultry raisers of the United States as being the best egg-producer, vitalizer, and conditioner now on the market. It is all this because it is different from other prepared foods,—it is not a stimulant,—it produces eggs, promotes growth, induces vigor, not by forcing, but by inducing a healthful condition, and supplying those little things which mean so much to any animal organization, and without which perfect physical condition is not possible.

Standard Poultry Food is a genuine food tonic, a profit-making addition to the mash of the growing chick and the laying hen. It is the salt and the pepper, the gravy, the sauce, the seasoning, that makes all food palatable. If food is palatable your fowls will appreciate it, will assimilate it, will appropriate it for the manufacture of new tissue, new bone, new eggs. A stimulant, while for the immediate time effective, is disastrous,—a food tonic is vitalizing, nourishing, and will secure the greatest results for all time.

The Standard Poultry food is made by the Standard Stock Food Co., Omaha, Nebraska. This company is the general distributing agency for the Coast, and we are interested in having every poultryman, large or small, use the Standard Food. It is a genuine article. It is all that is claimed for it, and will do all that is claimed, and this being a fact, it is for each poultryman to give it a thorough trial. It is not expensive; its use is economy. We have already sold the food in considerable lots—100 pounds and over to many poultrymen in this state, and have had some flattering letters concerning the results obtained. Our customers say it is genuine, and we want all to try it. If your dealer does not keep it he is not doing himself justice, and what is more, is not doing you justice. Send to us direct, and we will see that you are supplied.

Standard Poultry Food is good for young and growing fowls; it furnishes the elements that growing stock needs. Its tonic effect makes them strong, thrifty, and vigorous. It makes them grow faster, larger and stronger.

There is another place where Standard Poultry Food will be found a big help, and that is during the moulting season. The birds need extra care then. The daily use the Standard Poultry Food will keep up the strength and vitality, will hasten the moulting period, and will get the hens back to business again in the shortest time and with the best results.

The plumage of a fowl is a pretty good indication of its condition and thrift. Standard Poultry Food will show you on the outside what it is doing on the inside,—fine, lustrous plumage and a splendid egg yield.

Every fancier who is fitting stock for the show-room can use it to excellent advantage and great satisfaction.

Its Use Pays; Its Use is Economical.

We will have the Standard Poultry Food in 3-lb. and 7-lb. cartoons, and in 25-lb., 50-lb. and 100-lb. packages. In large quantities it is cheaper. In small quantities it is a paying investment.

3-lb. Box, 25c.

7-lb. Box, 50c.

Prices quoted on larger lots.



Standard Specialties

STANDARD WORM POWDER (For Horses.)



A SPECIALLY prepared and reliable Worm Specific for expelling worms from horses, and removing the poisonous secretions resulting from the ravages of the worms. It is full strength; will do just as stated, and is invaluable to the stockman and farmer. It should be kept on hand; its use may mean much.

After the treatment with Standard Worm Powder for Horses has been finished, put the horse on a light and moderately increasing ration and mix a ration of Standard Stock Food with each meal. Nothing else in the world will so improve the appetite and powers of digestion. It will soon put the horse in good condition. It makes stock thrive.

2-lb. Box, 50c.

STANDARD INSECT POWDER

No matter how well fed or sheltered poultry may be, they can not produce growth or eggs to make them profitable if they are infested with lice. They are not only less thrifty, but they are much more liable to disease. **Standard Insect Powder** is just as valuable to the poultry raiser as Standard Poultry Food. It will destroy lice on poultry. It does the work; does it cheaply, and it is easy to use. Then it's what you want.

1-lb. Box, Sprinkler Top, 25c.



STANDARD GALL CURE

It Heals the Sore Places

It cures Collar and Saddle Galls.

It cures sore neck, sore back, sore mouth, sore teats, and all cuts and abrasions of the skin.

It is unequalled for rope-burns, wire cuts, old sores, scratches and other injuries and diseases of the skin.

Keep it in the stable and have it handy when you need it.

If you are troubled with cracked or sore hands at husking time you will find it will quickly heal them.

It is easy and pleasant to use.

Simply cleanse the affected parts and apply it two or more times a day.

If we have no agent in your town handling our goods, send us 25 cents and we will send you a large box of Standard Gall Cure, post-paid.

4-oz. Box, 25c.



STANDARD WORM POWDER (For Hogs.)

Any man who raises hogs realizes the need of something to expel worms from the digestive tract, for a large proportion of hog troubles and hog diseases are the direct and indirect result of worms. He wants something that is reliable, that will do the work, not only removing the worms but also removing the poisonous accumulations which are the result of worms. Standard Worm Powder for hogs is all that is claimed for it. It is strong and absolutely pure,—no cheap filler to increase the bulk and destroy value. Full directions are with every package.

The use of this worm powder may save for you a great deal that you are now losing. It is reasonable in price and should always be kept at hand.

2-lb. Package, 50c.

4½-lb. Package, \$1.00.



STANDARD STOCK LINIMENT

An old, time-tried, and valuable farm liniment for the use of man and beast.

We have manufactured it for 18 years, in which time it has gained the confidence and unqualified indorsement of the public.

For horses it is especially valuable in curing Spavins, Ringbones, Splints, Curbs, Sprains, Cuts, Scratches, Barbed Wire Wounds, etc.

For household use it is applied externally for Rheumatism, Neuralgia, Cuts, Sprains, Bruises, Chilblains, Frostbites, Burns, etc., with uniformly good results.

It will do all that any good external liniment can be expected to do, and its peculiar penetrating qualities make it efficacious where other remedies have failed.

Keep it in the house and stable.

It may save you much suffering and many dollars.

It is backed by the Standard name and reputation, and that means the highest quality every time.

Large bottle—50 cents. If your dealer does not keep it, send to us direct.

4-oz. Bottle, 50c.



Jubilee "Excelsior" Poultry Netting

YOU will like the Jubilee Excelsior Poultry Netting. It is clean and bright, well galvanized after made, and remarkably firm. As it is galvanized after being made every twist is thoroughly soldered, and the fence is therefore much firmer than the galvanized before made nettings.

We can supply any demand and quickly, as we have a tremendous stock to draw from,—it is carried in all widths,—12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, inches wide, and in any weight wire from No. 16 to No. 20, and in any mesh from 1/2-inch to 3 inch.

The price of the wire at wholesale is changing from time to time, and when selling on a close margin the difference in the cost must affect the selling price. We quote net cash figures on a few sizes, and any special sizes will be quoted on request. All wire is put up in bales 150 lineal feet in length,—one bale of 72-inch netting contains 900 square feet, of 48-inch netting 600 square feet. We quote prices per 100 square feet, irrespective of the width of the roll. If rolls are to be cut add 10 per cent to the prices named.



1-inch Mesh, No. 20 Wire.....	\$1.00 per 100 sq. ft.
1-inch Mesh, No. 19 Wire.....	1.15 " " "
2-inch Mesh, No. 20 Wire.....	.40 " " "
2-inch Mesh, No. 19 Wire.....	.45 " " "

It will thus be seen that one roll of 2-inch No. 20 72-inch Jubilee Excelsior Netting would be 900 sq. ft., at 40c, or a total of \$3.60 per roll. If your order amounts to \$30.00, or over, deduct 5 per cent. These are net cash prices.



Jubilee Prepared Roofing

THERE has been much trouble in securing a roofing perfectly adapted to the uses of the poultrymen and farmers, and we have at last arranged for the manufacture of a roofing as we believe it should be. If you have confidence in Jubilee goods, and in the Jubilee Brand you will have confidence in the Jubilee Roofing. It is made to our order, as per our specifications and we think so much of it that we have covered our new factory and office buildings with it. If it is good enough for that we think it is good enough for any manner of construction.

The Jubilee Prepared Roofing is made from the highest grade of wool felt, thoroughly saturated with gummy, water-proof, non-drying substances that render the roofing pliable for all time. In addition to the saturation a coating of the gummy substance is pressed between the layers of felt, making it doubly good and impervious to all weather and climatic conditions.

The roofing is put up in rolls containing 100 sq. ft. net, that is to say, enough extra roofing is allowed to provide for a lap of two inches in laying,—one roll will cover 100 sq. ft. of roof. The rolls are each accompanied by nails, caps, and cement sufficient for laying,—all the poultryman needs is a hammer. It is economical, durable, and most convenient, and very attractive. The next time you build cover your roofs with Jubilee Prepared Roofing,—be it a shed, a poultry house, barn or dwelling. **Send for samples.**

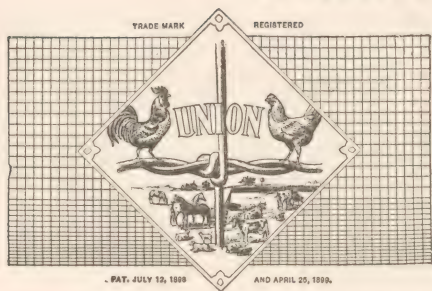
The Roofing is put up in two weights,—one-ply for poultry house and light construction. The best one-ply roofing ever offered. The two-ply for heavier construction, such as dwellings, factories, warehouses. The two-ply grade covers the Jubilee works.

One-ply, \$2.50 per square, complete.

Two-ply, \$3.50 per square, complete.



Union Lock Poultry Fence



THE UNION LOCK POULTRY FENCE is one of the most substantial, the most attractive, and most popular poultry fences on the market, and, on account of the many advantages of its construction it makes a remarkably economical fence for all poultry yard purposes.

The horizontal lines of this fence are all composed of two No. 20 galvanized steel wires coiled together. Beginning at the bottom the first seven cables are $1\frac{1}{4}$ inches apart, the next three cables are $1\frac{1}{2}$ inches apart, then six cables 2 inches apart and all above that 4 inches apart. This gives a mesh of $1\frac{1}{4} \times 3$ inches at the bottom where it is

needed for small chicks, and above 2 feet, where fowls can only reach when on the wing, the mesh is 3x4 inches. The pickets are No. 19 galvanized steel wires and are 3 inches apart. The picket is fastened to the cable with the Union Lock, the same as we use in Field and Hog Fencing, which has given such excellent satisfaction.

On account of the picket being at right angles to the cables, this fence will fit any unevenness of the ground without cutting, which is an advantage not possessed by any diamond mesh netting or diagonal mesh fencing.

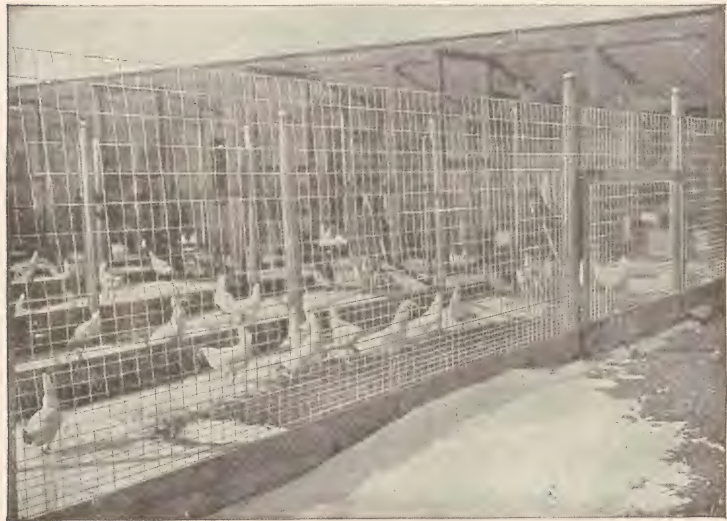
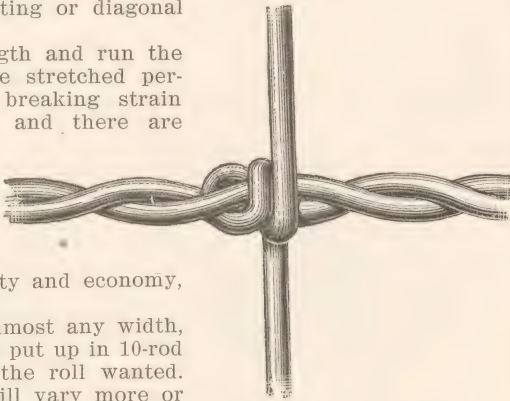
As all of the cables are of the same length and run the whole length of the fabric, every part can be stretched perfectly. The fence is amply strong, as the breaking strain of a No. 20 two-wire cable is 192 pounds, and there are ten cable in the first foot of fence. Because of its strength and construction this fence requires no top or bottom rail and no more posts than the ordinary woven wire stock fence, or about one-half the number needed for poultry netting.

In strength, closeness of mesh, adjustability and economy, it excels all others.

The Union Lock Fence is obtainable in almost any width, 12, 18, 24, 36, 48, 60, 72, 84 inches, and is always put up in 10-rod and 20-rod rolls. Always specify the size of the roll wanted.

The price at which the fencing is sold will vary more or less, and the prices here given are for present use, and are subject to change without notice.

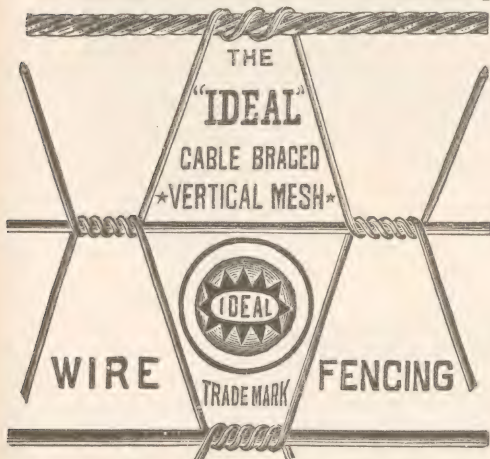
48-inch Union Lock Fencing.....	per lineal rod, 40c.....	per 10-rod roll \$4.00
60-inch " " "	" " " 45c.....	" " " 4.50
72-inch " " "	" " " 53c.....	" " " 5.30
84-inch " " "	" " " 59c.....	" " " 5.90



Prices on any other sizes quoted on application. Prices quoted on large orders. If a roll is to be cut add 10 per cent to these prices.

Ideal Poultry Fence

THE IDEAL POULTRY FENCE fills satisfactorily that long-felt want for an economical fence that could be stretched tightly, without sagging, between posts some distance apart; for a fence that would not require a top and bottom rail; for a fence that would stand considerable strain and long wear. Note the construction of the Ideal—all these desired points are fully realized. We recommend this fence for outside construction—it will do and prove all that is claimed for it. The fence costs a little more than netting, but the saving in posts, top rails, and bottom rails will more than offset the increased cost of wire.



You can order the fence in a variety of widths and made with different size meshes, for instance, we ship the Ideal Fence 12, 24, 36, 48, 60, and 72 inches high, and in 2½-inch, 2-inch, 1½-inch, and 1¼-inch mesh, also in different gages of wire, as follows: Nos. 17, 18, 19, and 20. The wire most commonly used is the 2-inch mesh, No. 19. For outside construction this is surely Ideal. The cabled selvage and the multiplicity of horizontal wires makes it possible to stretch the fence as tight as a drum and it will stay tight, as sagging and loosening is not possible. On account of the stretching it is necessary to use but about half the number of posts used with the regular hexagonal poultry netting, and no top or bottom rails are required.

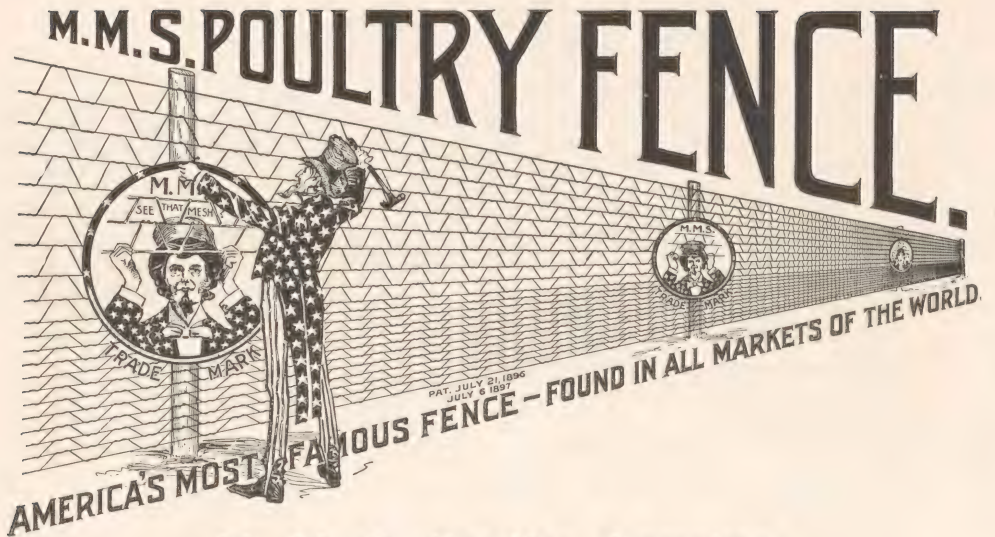
The selling prices of the Ideal may vary slightly, but the following can be taken as a standard. Special quotations given on large orders:

2-inch Mesh, No. 19 Wire, 72 inches high, per lineal rod,.....	\$0.60;	per 10-rod roll	\$5.50
2-inch Mesh, No. 19 Wire, 60 inches high, per lineal rod,.....	.50;	" " "	4.50
2-inch Mesh, No. 20 Wire, 72 inches high, per lineal rod,.....	.55;	" " "	5.25
2-inch Mesh, No. 20 Wire, 60 inches high, per lineal rod,.....	.47;	" " "	4.50
1¼-inch Mesh, No. 19 Wire, 72 inches high, per lineal rod....	.90;	" " "	8.50
1¼-inch Mesh, No. 19 Wire, 60 inches high, per lineal rod,....	.80;	" " "	7.50
1¼-inch Mesh, No. 20 Wire, 72 inches high, per lineal rod,....	.85;	" " "	8.00
1¼-inch Mesh, No. 20 Wire, 60 inches high, per lineal rod,....	.75;	" " "	7.00

Prices subject to change without notice.



Cut showing Ideal Fencing in use on the Sunnyside Egg Ranch, Milton, California. The Jubilee Co. supplied over 200 rods of Ideal Fencing for this ranch.



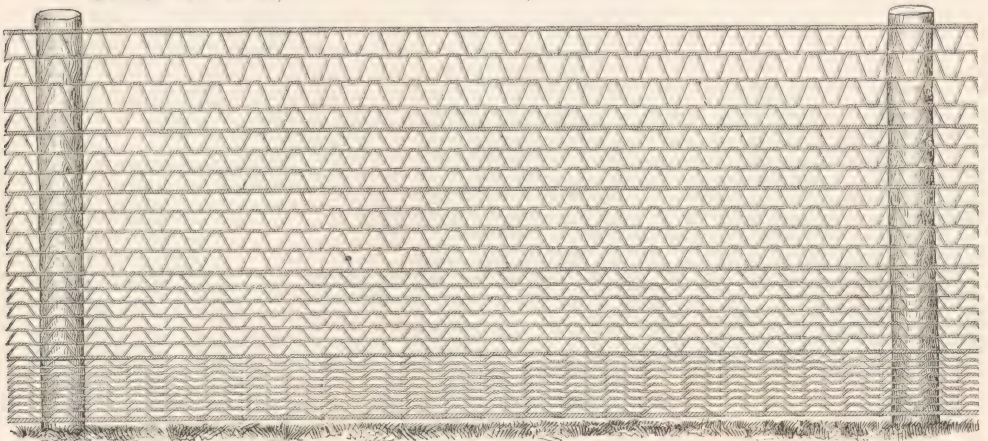
M. M. S. Poultry Fencing

HAS POINTS OF MERIT WORTHY OF ATTENTION

THE salient features of merit in this fencing are found in its multitude of horizontal wires, the cabled selvage and cable every foot in the height of fence, to say nothing of the connecting mesh wires; this, coupled with its peculiar construction, bars any possibility of its contracting, sagging or narrowing together between the posts; therefore we do away with the top and bottom rail and fully one half the number of posts ordinarily required, which reduces the actual cost of the completed fence to a minimum. These items alone insure a saving of fully fifty per cent to the user, without taking into account the fact that a fence with a top rail must be much higher than one without to be of equal service, for a top rail, being visible, marks the height of the fence and gives the fowl something to light on. It is made of the best galvanized steel wire, smoothly and evenly woven, and retains its full height before as well as after stretching.

The Standard Mesh is made of both No. 19 and No. 16 galvanized wire, spaced—for the first foot $1\frac{3}{4}$ inches, second foot $2\frac{1}{8}$ inches, and $3\frac{1}{8}$ inches above.

60-inch M. M. S., per rod.....	.42c;	per 10-rod Roll.....	\$4.00
72-inch M. M. S., “	.47c; “ “ “	4.50	
84-inch M. M. S., “	.54c; “ “ “	5 25	



Grit and Shell Boxes



MADE from heavy galvanized iron. Very convenient for furnishing charcoal, shell, and grit to the breeding pens. There is absolutely no waste when these boxes are used, and the grit and shell is at all times clean and fresh. One filling will last for weeks. The Boxes are perfectly sanitary, can be washed and scalded if desired. Simply hang on the wall of the poultry house or enclosure by the wire bail provided for the purpose. The top of the box is slanting and fowls can not light or roost on it, thus insuring a clean and convenient device. The Grit and Shell Box is made in three compartments. Price, each, 60c.



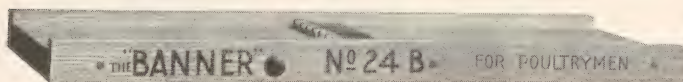
Dry Food Hopper

The Jubilee Dry Food Hopper is a good deal larger than the Grit and Shell Box. Made in the same manner, but two compartments only are provided, designed for feeding Beef Scrap, Poultry Foods, etc. A most convenient and desirable fixture.

Price, each, 75c.

Banner Root Cutter

This small Root Cutter is designed for the poultryman with but a few fowls and not enough to warrant a regular machine. The same style of knife is used as on the large cutters. A wonderful convenience for shredding and cutting all manner of roots and vegetables for poultry.



Price, each, 75c.

Jubilee Oil

FOR INCUBATOR AND BROODER USE

SO many customers have great difficulty in getting a good brand of oil for use in Incubators and Brooders that we were forced to put up an oil that we can thoroughly recommend for use in the Jubilee machines, both incubators and brooders. We buy this oil in large quantities; we know just what it is, as we use it ourselves, and it is a fine oil for the purpose intended.

Every can bears the Jubilee label, and it is a seal of quality and full value.

5-gallon Can,\$1.30

1 Case, two 5-gallon Cans 2.50



Jubilee Chick Feed



THE JUBILEE CHICK FEED is compounded from a large variety of grains and seeds and other ingredients. It is made with no heed to cost or competition, made as it should be made and we believe it infinitely the best offered. It is evenly graded, made from the finest materials, skilfully blended, and every pound is all value.

Our experience of the last twenty years has taught us what is required for newly hatched chicks. The Jubilee Feed contains all of the elements required by the chick and in the right proportions, and contains nothing that is not required. It is fed dry, sprinkled in the chaff of the brooder runway, every particle is consumed. It will prove a chick-saver and a great economy. 100-lbs sufficient for 800 chicks for ten days. Put up in special burlap sacks.

25-lbs.	\$ 1.00
50-lbs.	2.00
100-lbs.	4.00
500-lbs.	19.00

Jubilee Granulated Bone

OUR GRANULATED BONE is manufactured from good, healthy, and fresh bone. It is put through a process which deodorizes it, makes it possible to keep it indefinitely, and yet does not remove the food value as in the case of dried out, old refuse bone. It analyzes as much in protein as many meat meals; it is practically without fat, odorless, and the moisture is all removed. 100 pounds of this bone is equivalent to 125 pounds of the ordinary bone.

The bone is carefully graded, and put up in new burlap sacks, made specially for us for this purpose. Each sack is branded, bearing our name and guaranteed by us. The granulated is a little larger than plump wheat. The flour bone is of the same quality but in a flour form, very valuable for mixing with mash.

Send for a post-paid sample.

100-lbs.	\$ 2.25
500-lbs.	11.00

Granulated or Floured.



Jubilee Poultry Grit



IT is highly essential that poultry be supplied with all the clean, sharp, grit that the fowls will consume. Without grit poultry can not thrive and produce the best results. There is a great difference in grit as well as in all other goods,—a proper grit is bright, sharp, durable, clean and inviting, and it should be carefully graded to the size required by the particular fowls to be supplied. The Jubilee Grit will answer every purpose, fulfil every test,—it is furnished in three sizes: Fine for small chicks, Medium for young birds and small adult birds, and Coarse for grown fowls, turkeys, etc.

The Jubilee Grit is put up in new, branded burlap bags. It will please the most exacting, and the price is as low as so good a grit can be furnished for.

Send for a post-paid sample.

50-lbs.	\$0.75
100-lbs.	1.25
500-lbs.	5.50

Jubilee Blood Meal

THE JUBILEE BLOOD MEAL analyzes about 87 per cent protein, being nearly a straight protein product. It is the cleanest, sweetest, freshest, and most wholesome product of its kind ever offered. There is more food value in a pound of this blood meal than in seven or eight pounds of flesh meat,—it is concentrated nutriment, and in a form most easily taken, assimilated, and appropriated to the building of tissue and making of eggs. As an egg-producer nothing can excel it. Guaranteed to be free from chemicals or preservatives. No greater food value purchasable in any form at so low a price.

The Jubilee Blood Meal is put up in 100-lb. burlap sacks, new, extra heavy, and made specially for this purpose.

Send for free post-paid sample.

50-lb. Sack,	\$2.00
100-lb. Sack,	4.00
500-lbs.	19.00



Jubilee Meat Meal

MEAT MEAL is a much abused product, adulteration and low quality is the rule. A good meat meal, without adulteration is a fine addition to the ration, but the tankage and lower grades are often sickening and most injurious. The Jubilee Brand is guaranteed pure, it analyzes high in protein, higher than any other, and is a sweet, clean, wholesome product. Much blood is included in the Meat Meal, and the analysis of the No. 1 grade reaches fully 60 per cent in protein, the No. 2 grade holds about 37 per cent protein. The No 1 grade is the richest, cleanest, and most valuable meal yet produced. The price is governed by the protein value. Put up in new burlap bags, specially made for these products.

Send for free post-paid sample.

No. 1, 100-lbs.,....	\$3.25	500-lbs.,	\$16.00
No. 2, 100-lbs.,....	2.75	500-lbs.,	13.50
No. 1, 50-lbs.,....	1.75		
No. 2, 50-lbs.,....	1.50		

Jubilee Beef Scrap

BEEF SCRAP, when properly made, is an extraordinary fine food for growing chicks, also for laying hens. The great trouble has been that to make a fine beef scrap a very expensive equipment is required and few factories are properly equipped. In the last year more manufacturers have commenced to make beef scrap,—more attention has been given it, and, as a result, a better scrap at less money is now available. The scrap we offer is the best offered, it is clean, free from hair, free from grease and bone, and every pound possessing highest food value. Beef Scrap as usually sold is often 12 and 15 per cent bone, and three or four per cent hair, and a high percentage of fat and grease.

Send for free post-paid sample.

100-lbs.	\$ 3.25
500-lbs.	15.50



Other Items

OIL CAKE MEAL

Ground, fresh, already for mixing with the mash. A very desirable addition to the ration. Rich in nitrogen, and specially desirable for mixing with the moulting ration.

100 lbs., \$2.00	2,000 lbs., \$37.00	Per lb. 2¼c
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COCOANUT CAKE MEAL

Used by scores of poultrymen for mixing with the mash food and as a substitute for the Oil Cake Meal.

100 lbs., \$1.50	2,000 lbs., \$28.00	Per lb., 2c
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OYSTER SHELL

The ordinary sea shell when obtainable sells for 50c per sack, weighing about 100 lbs. They are getting more scarce, and are not so satisfactory as in the past.

The Hard Eastern Oyster Shell is the finest product imaginable; the hard eastern shells are thoroughly cleaned, dried, ground, and graded into three sizes,—fine, medium, and coarse. Every pound is full value and in the end they are much more economical than the ordinary shell and very much better to feed. The fowls must have a plentiful supply of shell if the best results are to be expected.

100 lbs., \$1.25	500 lbs., \$6.00	2,000 lbs., \$20.00
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WILLOW CHARCOAL

The only charcoal that should ever be given to fowls is the genuine Willow Charcoal. It can not be produced at anything like the price usually asked for poultry charcoal, but the genuine is worth ten times as much to your fowls. The ordinary charcoal can be gotten for about \$2.50 per 100 lbs. We do not carry it. We can supply the finest grade of pure Willow Charcoal in any amount at the following prices:

1 lb., 10c	12 lbs., \$1.00	100 lbs., \$7.00
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HULLED OATS

It is sometimes possible to secure a good supply of hulled oats, and also ground oat meal. The oats are a very fine food for fowls, especially for a fattening ration. The prices are continually changing. Write for what you want and prices will be given on any amount.

TOBACCO STEMS

For use in nest boxes and trap nests. They serve to keep vermin away, and are very valuable to the poultryman.

Per Sack, about 15 lbs., 25c	75 lbs., \$1.00
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OTHER SEEDS

We usually have a complete and full stock of other grains and seeds used by poultrymen, such as Rice, whole and cracked; Rape Seed; Millet Seed; Giant Green Kale, ¼ lb. 50c, post-paid; Sunflower Seed, the Mammoth Russian variety, 25c per lb., not post-paid; Egyptian Corn, Rolled Barley and Wheat. Any size orders filled.

ALFALFA MEAL

A pure product of specially cured California Alfalfa. The fresh cured alfalfa is ground into a fine meal, containing the virtues of the green alfalfa and in a most convenient and economical form to feed. It is an excellent addition to the mash and is almost indispensable during the season when fresh, green alfalfa is not obtainable.

100-lb. Sack, \$1.25	2,000 lbs., \$23.00
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INCUBATOR THERMOMETERS

Same as furnished with the Jubilee Incubators. No better thermometer was ever supplied with an incubator.

Price, post-paid, 75c.

SUN-HINGE LAMP BURNERS

The same as furnished with the Jubilee Incubators and Brooders. Cut from heavy metal, made in the best factory in the United States, and can be depended on absolutely. They are practically danger proof owing to the special construction. They cost more, but they are worth more.

Price—No. 2 Burner, 1-in. wick, 40c; No. 3, 1½-in. wick, 60c.

By mail, post-paid.

WICKS

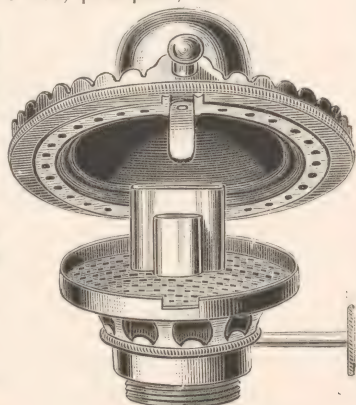
For No. 2 Sun-Hinge Burners, 1-in., per doz., post-paid, 20c
For No. 3 Sun-Hinge Burners, 1½-in., per doz., post-paid, 30c

EGG TESTERS

The same as furnished with the Jubilee Incubators.
By mail, post-paid, 25c.

EGG FILLERS

Price, per dozen Fillers, 10c; for 36-doz. Egg Case, 25c;
per case containing 12 30-doz. sets, \$2.50



Other Items

EGG CASES

Made from spruce lumber, extra well nailed, complete with fillers. 15-doz. Size, 45c; 30-doz. Size, 60c; 36-doz. Size, 70c.

SHIPPING COOPS

A full line of shipping coops for market use, also for show birds, long distance shipments, etc., will be a specialty with the Jubilee Company, but lack of time has prevented getting full descriptions in this catalogue.

NEST EGGS

Nest Eggs made from porcelain. Can hardly be distinguished from real eggs. Very valuable to the poultrymen to induce laying where desired. Per doz. 30c; 3 for 10c. post-paid.

CROCKERY FOUNTAINS

Made specially for us, extra good quality, and every fountain guaranteed in perfect condition when leaving us. We exercise utmost care in packing but can not guarantee safe arrival.

1-Pint Size, specially for Brooder Chicks.....	Each 15c., 1/2-Doz..	\$0.75
1-Quart Size, for Brooder Runways.....	Each 20c., 1/2-Doz.	1.00
2-Quart Size, for Breeding Pens.....	Each 30c., 1/2-Doz.	1.50
4-Quart Size, for Breeding Pens.....	Each 35c., 1/2-Doz.	1.75

Zinkets

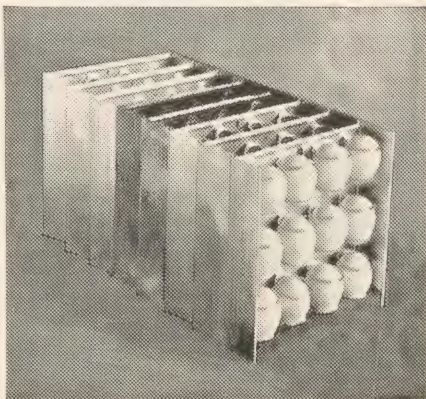
THE Zinket is an invention for promoting cleanliness, economy, and dispatch in the handling of eggs, as well as identifying reliable goods. The conveniences of Zinkets can hardly be overestimated. They are better than baskets for gathering eggs; better than the hand for holding eggs while cleaning them; better than paste-board fillers for shipping eggs; better than a mathematician for counting eggs; better than pans or dishes for holding eggs in the pantry or refrigerator; and they are the best known arrangement for holding eggs while boiling them for breakfast.

The Zinkets are made from thin sheets of Bessemer steel, coated with a covering of zinc. The Zinket is made from one piece of metal, and is simply stamped out and pressed and folded into shape. It is light, most convenient and very durable. The Zinkets slide together, making a compact package, each Zinket being tightly bound to the next one. Each Zinket is made to hold one dozen eggs, and the size of the Zinket is $7\frac{5}{8}$ inches square, and $1\frac{7}{8}$ inches deep, so that four Zinkets slid together make a cube. Any number can be slid together, and any one Zinket may be removed without disturbing any one of the others. A case of eggs may be candled, if placed in the Zinkets in one-fifth the time required for candling eggs packed in the ordinary fillers, the Special Hand Candler, which makes it possible to test the whole dozen eggs at one operation.

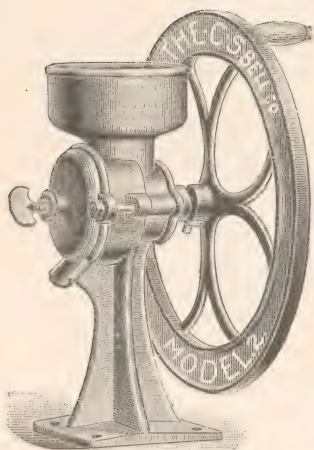
FOR SPECIAL TRADE.—All poultry farmers having a special trade with families, restaurants, and hotels will find Zinkets an invention after their own hearts. Boxes or cases can be made to hold any number of Zinkets, and the quick transportation will place absolutely fresh and reliable eggs in the hands of the consumer, and in a package that is convenient, pleasing, and in every way desirable.

Compared to the cost of the ordinary fillers, Zinkets are economical. A Zinket may be used 100 times, and, if ordinary care is exercised, they will last indefinitely. Compare the cost with the cost of fillers, which are at best short-lived, unsanitary, and unwholesome.

Zinkets, holding one dozen Eggs, 10c each
Sample, post-paid, 15c.



The Model Grinding Mills



AN Improved Hand Power Grinding Mill of new and elegant design, compactly made of strong and durable materials. They are intended to grind all kinds of grain, dry bone, roots, bark, salt, shell, etc., made primarily for the varied uses of the practical poultryman.

They are easily adjusted to grind fine or coarse without the use of wrench or other tools. The Burrs are made of Steel-Alloy Metal and are the most durable grinding surfaces made. Their capacity is about as follows, depending upon the condition of the grain and the fineness of the product desired:

- No. 1,..... $\frac{1}{2}$ to 1 bushel per hour
 No. 2..... $\frac{3}{4}$ to $1\frac{1}{2}$ bushels per hour
 No. 3,.....1 to 2 bushels per hour

So far as we have been able to test these mills with others of similar size and weight we find they grind about 50 per cent more than any other mill. One set of grinders will last for years, and can be removed at very slight cost.

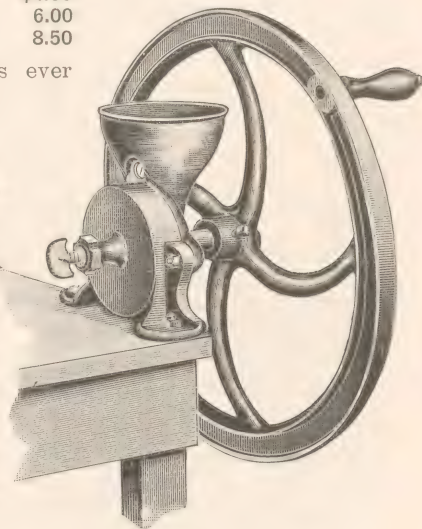
	Height	Width	Wheel	Weight	Price
No. 1 $\frac{1}{2}$	13 in.	8 $\frac{1}{2}$ in.	12 $\frac{1}{2}$ in.	20 lbs.	\$4.00
No. 2	16 in.	9 $\frac{1}{2}$ in.	16 $\frac{1}{2}$ in.	35 lbs.	6.00
No. 3	18 $\frac{1}{2}$ in.	12 $\frac{1}{4}$ in.	19 $\frac{3}{4}$ in.	63 lbs.	8.50

These mills are most decidedly the best mills ever offered at the prices quoted.

The "Rex" Hand Grist Mills

This is a perfect machine with Steel-Alloy Burrs, made perfectly true, and can be adjusted to grind to any degree of fineness, and with great ease in operating. Adapted for grinding corn, wheat, rye, peas, and all manner of grains. It is essentially a grist mill and not so well adapted to grinding dry bones, shells, etc., for which purpose the "Don" Mills are especially made.

For the purposes intended it is a perfect little machine and will be found wonderfully convenient to the housewife as well as to the poultryman. Mill can be bolted to a bench, table, or convenient support. Price, \$5.00 Weight, 30 Pounds Extra Burrs, 75c.



The "Don" Hand Bone Mill

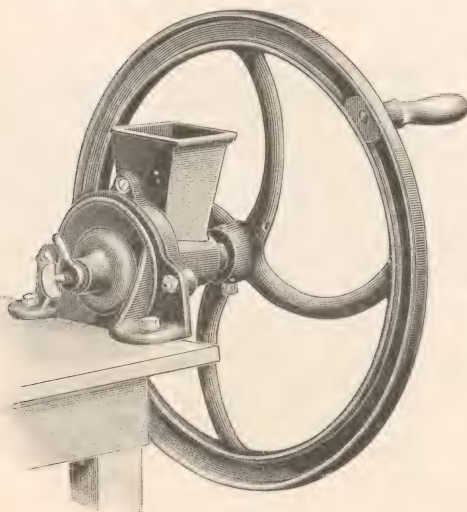
This mill is intended for grinding oyster shells, dry bones, old crockery, and all coarse foods for poultry, but is not intended for green bone. The burrs are made of Steel-Alloy Metal, are immediately adjustable without the use of wrench or tools, and with ordinary care will last a great any years. Intended for Coarse grinding only,—it is not a grist mill.

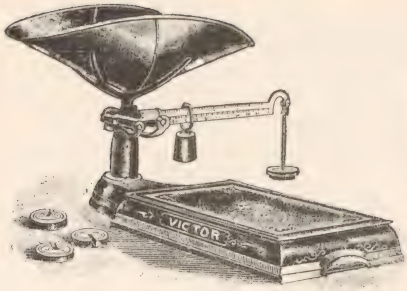
The "Don" Mill has been thoroughly tested and is strictly reliable. To the practical poultryman such a mill is almost indispensable. Furnished complete with one set of burrs.

Price, \$5.00

Weight, 30 Pounds

Extra Burrs, 75c





The Victor Scales

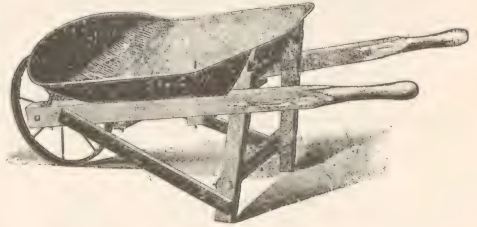
EVERY Poultryman has a thousand and one uses for a good pair of scales that will prove accurate, convenient, and which can be purchased at a low price. In the Victor scale we offer our customers a scale weighing accurately from $\frac{1}{2}$ ounce to 240 pounds. The scale is very strong and durable, simple in construction and can not get out of order or become inaccurate. Each scale fitted with a metal scoop for weighing small amounts.

Price, \$5.50.

The Sterling Wheelbarrow

This is another item that every poultryman needs but can not always get in the right size and right pattern. The Sterling Barrow is very strongly made, fitted with a steel tray, and patented steel wheel. Just what you need for your odd jobs. Include this barrow in your next order.

The Sterling Barrow, Price, \$5.00.

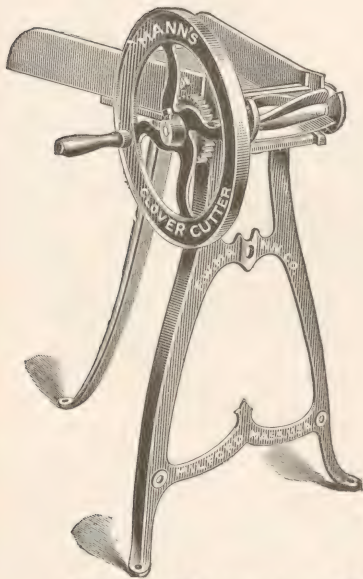


The Mann Clover Cutter

Designed for cutting any kind of hay or green food, such as clover, alfalfa, or grain of any kind; manufactured on a correct mechanical principle, making the machine very easy to operate, very simple in adjustment, and very strong, durable, and convenient in construction. The knives are inclosed, making it safe for any person to operate, and at the same time the knives can readily be gotten at, sharpened and adjusted. Every revolution of the wheel makes twelve cuts. Made of metal throughout, nothing to break, knives of finest steel, strong and durable.

Clover Cutter, as illustrated, \$12.00.

Without Stand, \$10.00.



The Banner Root Cutter

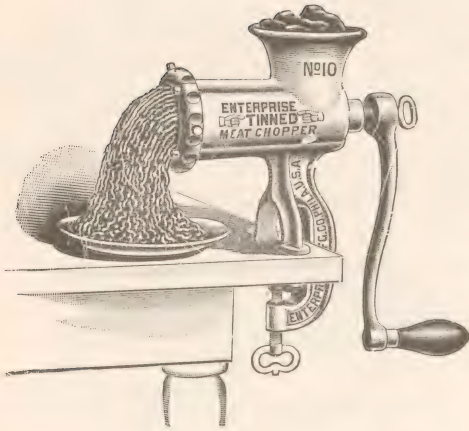
The Root Cutter illustrated is almost indispensable on a well organized poultry farm. It is designed for cutting roots of any description into fine ribbon-like strips most perfectly adapted for feeding to poultry. Fowls large or small can eat the product easily and without danger of choking. The knives are adjustable and made of the best grade of steel. The machine is strongly made, handsomely finished, and a wonderful convenience to every poultryman.

The No. 7, as illustrated, Price, \$6.00

Large Capacity Cutters also furnished. Send for complete catalogue. Made in six different styles.



Enterprise Meat-Choppers



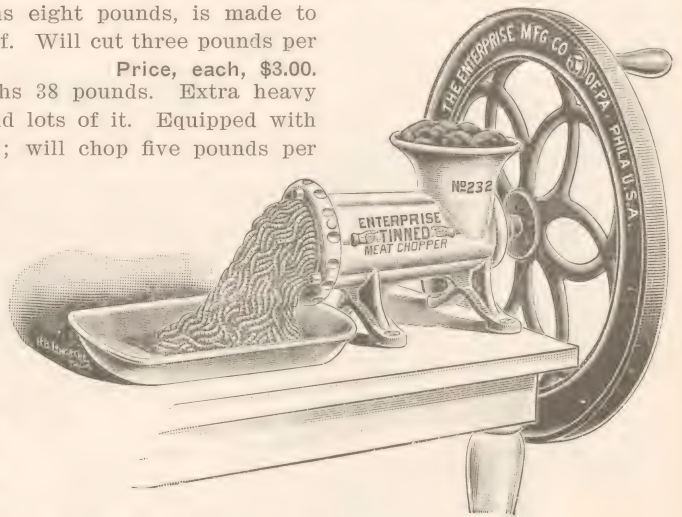
The No. 10 machine weighs eight pounds, is made to screw to a table or strong or shelf. Will cut three pounds per minute.

Price, each, \$3.00.

The No. 232 machine weighs 38 pounds. Extra heavy and designed for heavy work and lots of it. Equipped with fly wheel, 20 inches in diameter; will chop five pounds per minute. Made to screw to bench or table. Just right for the business poultryman.

Price, each, \$9.50.

These Enterprise Meat Choppers are standard goods. They are made for wear and to give results,—nothing flimsy about them,—thoroughly good in every respect. They are money savers and money makers for the poultryman.



Caponizing Instruments

POULTRYMEN will find the caponizing of Cockrels a most profitable branch of the poultry business. The operation is simple and highly successful. A good capon will weigh when fattened, about 50 per cent more than cockrels not caponized and given the same care; and again the flesh of the capon is indefinitely more desirable,

and the prices offered as much as 50 per cent more per pound. The capons are more quiet, take fat more easily, at a less cost, and in shorter time.

Proper instruments of caponizing are difficult to get. The sets we offer are made by the oldest makers in this country and are acknowledged to be the best. Full instructions accompany each set.

Set, complete, \$2.50.

Complete in velvet-lined case, \$2.75, post-paid.

Velvet case shown in illustration.





Jubilee Automatic Poultry Feeder

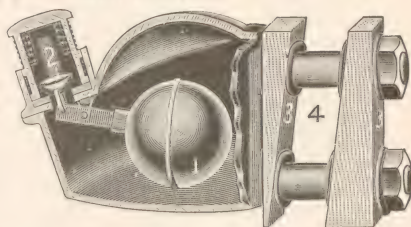
THE Jubilee Incubator Company has secured the exclusive right to sell and manufacture the Automatic Poultry Feeder on the Coast, and on account of the splendid facilities will be able to fill any demand.

The Automatic Feeders are already in use from Canada to Texas, and from Maine to the Sandwich Islands, and we predict a great future for them on this Coast. The poultryman makes a scratching box three or three and one-half feet square and twelve to eighteen inches high, the feeder is placed in the center of the box, the hopper is filled, the box is provided with a good liberal litter of cut straw and chaff and the fowls begin to work. The least little motion of the paddles causes a few kernels to fall, the feeding is automatic and continues as long as the fowls will scratch and work. Fill the hopper once every twenty-four hours and be assured that your fowls are getting just what they need and deserve and no more. It is a wonderful convenience, a wonderful exerciser, and worth many times its cost. Many poultrymen use them by the dozen, and many in twenties and thirties. Try a few and be convinced.

The Feeder is adjustable, being regulated by a screw so that coarse or fine grain may be used, and the grain can be made to feed fast or slow. It is positively the only practical machine made for the purpose, and in bringing it out we feel assured that we are offering one of the most valuable egg-producing, health-giving, and money- and food-saving devices ever introduced into the poultry yard.

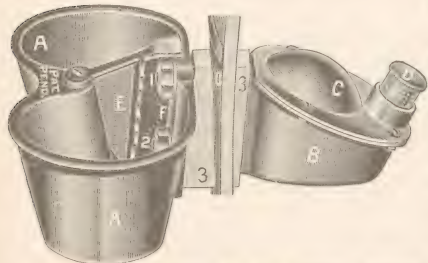
The Jubilee Automatic Feeder, each \$2.50, per dozen \$25.00

The Improved Dewey Double Stock Waterer



ONE secret of success of the "Dewey" is its simplicity. It positively can't get out of order. It always works. This simply, too, makes it the low-priced waterer.

The illustrations of parts of the "Dewey" establish absolutely our claim for simplicity of construction. The large cut below shows the complete waterer in position attached to a barrel, expect that the shield "E" is cut away on the side showing the pipes "1" and "2."

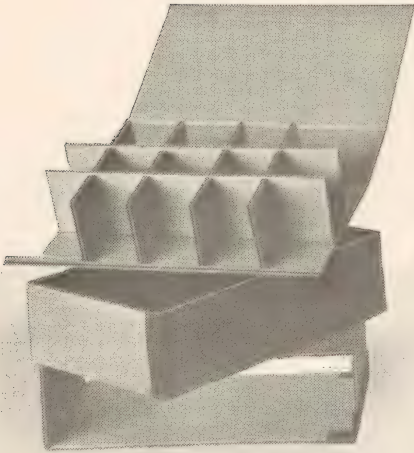


The smaller sectional view will further explain the working of the waterer, and establish its simplicity. Notice that the screen cap marked "D" in the large cut is perforated and so acts as a strainer, preventing straw or other matter from getting into and clogging the valve "2." As the water is used out of the bowl the spun metal ball or float "1" falls and forces the valve "2" upward, allowing the water to rush from the barrel, or tank, into the valve chamber. As the bowl fills, the float "1" rises until the supply of water is shut off just before the bowl is full. Could anything be simpler or more effective?

Poultry is as often sinned against in the matter of water as any other kind of stock. The suffering of fowls denied convenient access to water during the warm weather is intense, and at all seasons of the year they should be permitted to drink at will. Only a few drops at a time are required but it ought always to be pure, fresh, and cool. Many fowls are "droopy," quit laying, and otherwise get out of condition because they don't get enough water and what they get is impure. For any and all kind of poultry the Improved Dewey Waterer is the only thing. Put one in your poultry yard and see how it is enjoyed. Progressive breeders everywhere know its value. If you are raising poultry you had better "get in line." Price, \$2.50, complete; \$25.00 per Doz.



Golden Gate Egg-Boxes



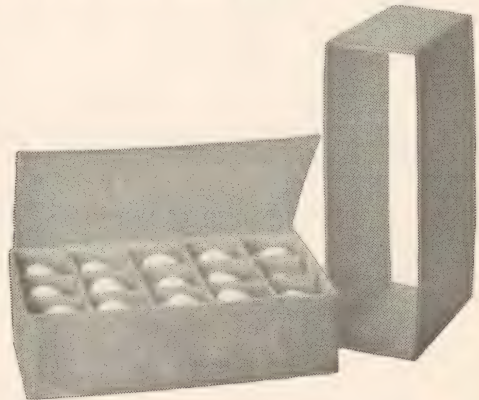
MADE for sending choice eggs for hatching by express, and designed expressly to protect the eggs, and insure their safe delivery at the destination. The Golden Gate Boxes are made from cellular board, which, as a protection is equivalent to four or five of the ordinary egg-case fillers, and it also serves as a protection against heat and cold. The boxes are so designed that they can not come open in transit should all fastening be removed. When packed and closed the eggs have a double thickness of the cellular board on every side, insuring protection. Each box is provided with a gummed label for addressing to the consignee and is simply moistened and placed on the box. The boxes can be used a score

of times, and altogether are the neatest, strongest, and best boxes made for the purpose.

They are made in sizes to hold 15, 30, 50, and 100 eggs each. The prices are as follows:

15-Egg Size, complete.....	\$1.50 per dozen
30-Egg Size, complete.....	2.25 per dozen
50-Egg Size, complete.....	3.75 per dozen
100-Egg Size, complete.....	6.50 per dozen

For shipping choice eggs for hatching, in small lots, no better package has ever been offered. Try a few of them and you will be convinced that for neatness, strength, serviceability, and desirability there is nothing better.



The Poultry Book

THE greatest work on poultry ever published, complete in three handsome cloth-bound volumes, each 9¾ inches by 7 inches. More than 1,000 pages; 600 text illustrations; 50 full-page black and white illustrations; 36 full-page three-color plates. The most complete, the most reliable, and most elaborate work on poultry ever attempted. The foremost authorities of the world in their respective lines are contributors.

Every poultryman, present and prospective, should have the Poultry Book. The price per set, express prepaid, is \$12.90 net cash; or it may be obtained on instalment terms, as follows: \$5.60 cash payment upon the receipt of which the books will be delivered, charges prepaid, the cash payment to be followed by eight monthly payments of \$1.00 each.

Save on something else and get the Poultry Book.

Price, Three Volumes, charges prepaid, \$12.90 Cash.

Instalment Terms: \$5.60 Cash, \$1.00 per Month for Eight Months.

The Jubilee Poultry Journal

A Pacific Coast Poultry Journal devoted to the best interests of the Industry.

Subscription Price, 50c yearly. Advertising Rates on Application.

"FOR BETTER POULTRY AND MORE PROFIT"

THE Jubilee Poultry Journal is a comparatively new Journal, the first issue appearing on September 15th, 1905, nevertheless it has advanced steadily in favor.

It is a "Worth-While" Journal, radically different, up-to-date, and aggressive, and advocating the cause of "Better Poultry and More Profit."

The Jubilee Journal is full of good things. Articles that are worth reading, worth heeding, are continually appearing. Timely subjects are dealt with in a manner that proves helpful,—the Journal is the Poultryman's Handbook, a source of information, a source of inspiration,—It explains **When, Where, What, and Why**, all of those little things which practical poultrymen, beginners, and old-timers are always interested in.

For instance, the first number contained the beginning of a magnificent treatise on "The Feeding of Poultry," by James E. Rice, of New York. This article is one of the most valuable and comprehensive ever written, and appeared in that great work "Poultry," published by Doubleday, Page & Co. That article alone is worth many times the subscription price. Also an article on "The Trap-Nest," by Mr. F. O. Wellcome, Yarmouth, Maine, the greatest authority on trap-nest work in the world. The single article was worth many times the subscription. Also an article by the editor on "Why Some Poultry Don't Pay,"—being a resume of conditions that bring failure to such a great percentage of beginners, by one whose connection with the industry has placed him in a position to know. The same number contained the announcements of interesting, and profitable competitions designed to stimulate the interest of the poultrymen and get them to **think** and think hard. Every number will be full of good things.

The second number contained a continuation of the lengthy article on feeding, a continuation of the editor's series of articles, and a very fine article on capons and caponizing by the authority, Dr. C. M. Selfridge, of Oakland, and in addition a score of interesting items and suggestions which serve to interest, to instruct, to inspire.

The Journal covers the whole field,—all that is of interest to the fancier, all that is of interest to the practical business poultryman. No matter what you are doing in poultry, no matter how slightly or how largely you are interested you should subscribe for the Journal.

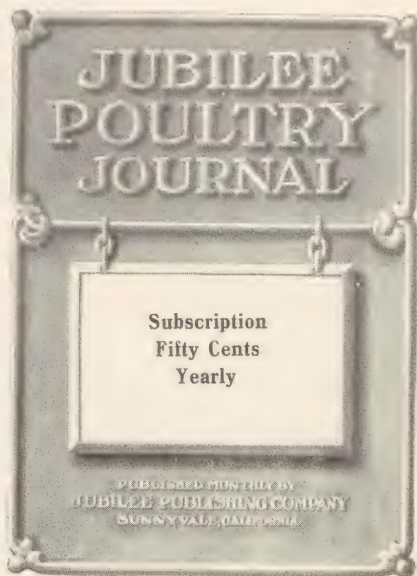
Those who advertise goods that find a sale among prosperous poultrymen can not find a better medium. The Journal is so attractive, so reliable, so **distinctive**, that every announcement carries greater publicity,—the Journal is worth more. Advertising rates on application.

SUBSCRIPTION, PER YEAR, 50c.

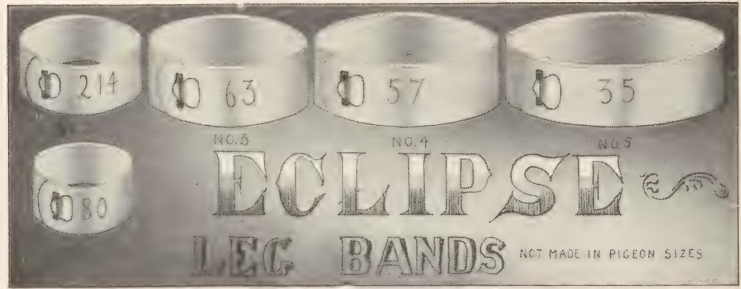
The Jubilee Poultry Journal

F. D. CORNELL,
Editor and Proprietor.

SUNNYVALE, Santa Clara County, CALIFORNIA.
U. S. A.



Eclipse Leg Bands



THIS is a flat Band, made of aluminum. It is of one piece and has no sharp corners or rough edges. It is put on easier than any other flat band on the market, and is sure to stay on, unless intentionally removed. These bands are very popular, and are having a large sale. We do not make them in pigeon sizes. Always mention size wanted. Sample sent for stamp.

PRICES, PREPAID.

12 for 15c; 25 for 30c; 50 for 50c; 100 for 75c; 250 for \$1.75; 500 for \$3.25; 1,000 for \$6.00
Bands will be numbered to order if desired.

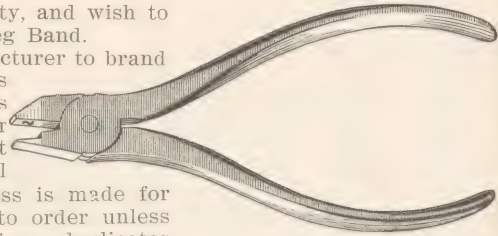
Smith Sealed Leg Bands

This Leg Band was designed to make possible positive identification of scored birds, and to prevent fraud in changing bands from good birds to poor ones. When once sealed on, the Smith's Sealed Leg Band will never come off, and can not be taken off without destroying the band, and then again, as no duplicates are ever issued, absolute identification is always possible.

If you wish your birds to possess individuality, and wish to be thoroughly up to date, use Smith's Sealed Leg Band.

Name and Address Bands. It pays a manufacturer to brand his product; it will pay you. Have your Smith's Sealed Leg Bands made to order, numbered as you desire and stamped with your initials, your name, or both your name and address. The cost is 15 cents per letter for making the special stamp, and a charge of 10 cents per 100 or less is made for stamping the bands. No bands are numbered to order unless stamped with name, or name and address, and no duplicates ever issued.

PRICES—12 for 30c; 25 for 50c; 60 for \$1.00; 100 for \$1.50. Hand-made Steel. Name and Address Stamps, 15c per letter.



Sealers — Plain, 50c; lettered jaw, 65c; nickel plated lettered jaw, 75c.

Prices are for bands by mail or express, prepaid.

Order sizes by number. No. 1 Bantams and small Mediterranean Females. No. 2 Ordinary Mediterranean and Pit Game Females, etc. No. 3 American Females, Pit Game Males, and French Females. No. 4 American Males, medium Asiatic Females, Turkey Hens, etc. No. 5 Ordinary Large Asiatics and Tom Turks, etc. No. 6 Extra Large Asiatics and Large Tom Turks.

Always Order by
Number.

Smith's Double Clinch Leg Bands

THIS Band will not come off; it must be taken off. It is the best of the open bands. No tools are required to put them on; they fasten with two clinches; there are no exposed corners, ends, or loops. They are numbered to suit the purchaser. Can be lettered if desired; initials stamped for 10 cents per 100 bands additional.

PRICES

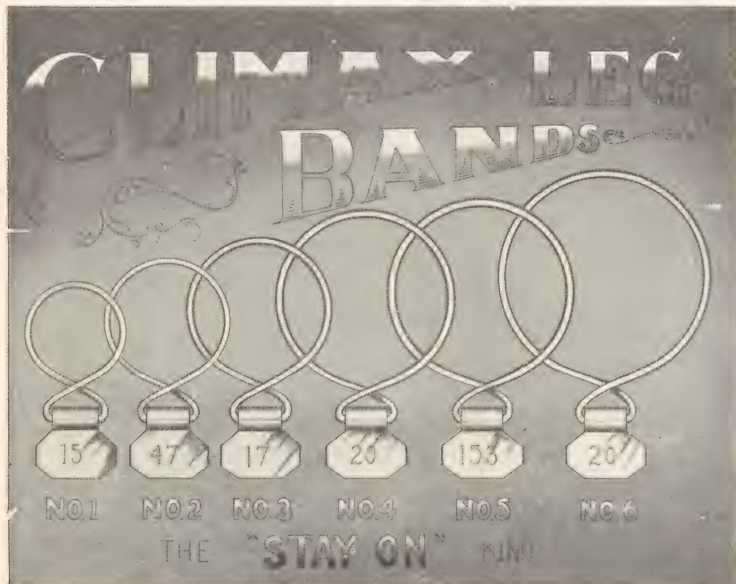
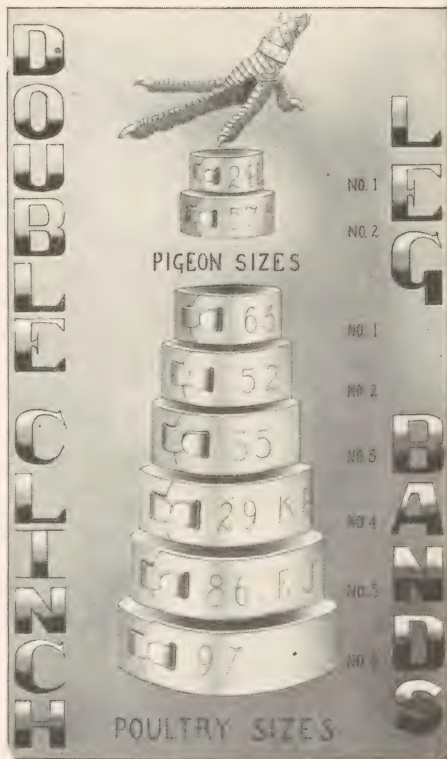
12 for 15c; 25 for 30c; 50 for 50c;
100 for 75c; 250 for \$1.75; 500 for \$3.25.
Order by number.

The Glimax Leg Bands

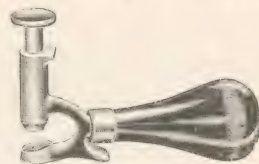
This Band is perhaps the most popular kind made. They are very easily put on, and, owing to the method of manufacture, they are very hard to get off. The rings are spring brass wire; the tags are made from aluminum. Not more than three letters or figures can be stamped on each tag. Specify numbers wanted, numbered to order. Specify kind of fowls intended for when ordering.

PRICES

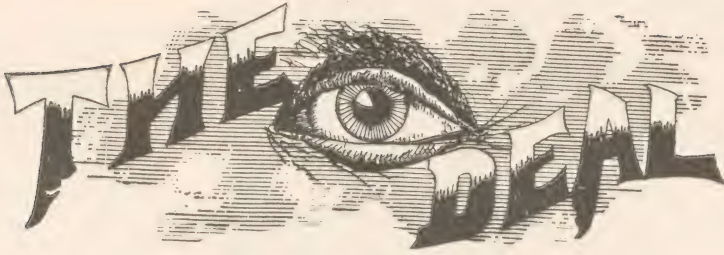
12 for 20c; 25 for 35c; 50 for 60c; 100 for \$1.00; 250 for \$2.25.
This is the best band for fowls with feathered legs.



The Jubilee Poultry Punch



An indispensable necessity to the practical poultryman. It should be carried in the pocket the same as a pocket knife. The Jubilee Punch is a light, convenient, neat, and practical punch for marking the young chicks. Just the thing for the fancier and for the pedigree breeders. You must know which hen laid the egg, and what that chick amounts to. If not you are not getting the greatest results. Price, post-paid, 25c.



The Ideal Trap Nest

Shows the Hen that Laid the Egg

THE IDEAL NEST is a silent detective that points out the non-layers, the poor layers, the fair layers, the good layers, the best layers, the layers of strongly fertilized eggs, weak-germed eggs, infertile eggs, large eggs, small eggs, brown eggs, white eggs, imperfect eggs.

It shows you which birds to keep and which ones to market. Some hens will lay profitably for years, while many a pullet fails to earn her board.

THE IDEAL POINTS THEM ALL OUT

You can get more eggs with less hens, if you use the Ideal wisely.

Egg production depends upon selection and breeding just as much as do form and feathers. Mark those persistent layers for the breeding pen. The Ideal points them out.

PLANS AND PERMIT

For making and using all the Ideal Trap Nests required for own use. The price includes the Trap Nest Text-book, 1 Trap Attachment, 1 Record Sheet, and 1 Leg Band. Price, \$2.50, by mail, post-paid.

The Plans and directions are so simple, so clear, and complete, so easy to understand and follow, that the perfect working of the home-made nests is assured. The Plans describe and illustrate in minute details four different styles of the nest boxes and the Ideal Trap Attachments.

The Permit. Every set of plans is accompanied by a Permit, or "Individual License" for the purchaser to make for his own use all the Ideal Nests and Ideal Trap Attachments desired. The Permit is in legal form, signed by the Inventor and Patentee, and is duly recorded. Plans are never sold without the Permit, and the price is always Net Cash with order.

THE IDEAL TRAP ATTACHMENT

The Ideal Attachment is an entirely new, unique, and original form of enclosure. It is made of wood, in two pieces, and is attached with two screws. It is entirely durable, can not wear out or break, and the best feature of all, it forms a door which looks the same to the hen, whether opened or closed. The Attachment can be fastened to any suitable box, and takes no room from the nest.

The price of each complete attachment is 25c.—\$2.50 per doz.—F. O. B. Sunnyvale, in all cases. Special prices on large orders.

THE IDEAL MONTHLY EGG RECORD SHEET

A special egg-record blank for all trap nest users. The most complete individual egg-record sheet published. They are well printed and ruled, on good paper.

Each sheet contains ruled spaces for the complete individual egg records of twenty-five layers for one month, description of each bird and her egg, and remarks as to condition, how disposed of, etc. The back of each sheet is blank, giving room for accounts of food fed, and other desired data.

12 Ideal Monthly Egg-Record Sheets, enough for 25 hens one year, 25c.

24 Ideal Monthly Egg-Record Sheets, enough for 50 hens one year, 40c.

48 Ideal Monthly Egg-Record Sheets, enough for 100 hens one year, 75c.

Mailed, post-paid, upon receipt of price. Satisfaction Positively Guaranteed.

The Trap Nest Text-Book

THE Trap Nest Text-book, by F. O. Wellcome, inventor of the Ideal Trap Nest. Size 6x9 inches, 12 chapters, 132 pages, half tone frontispiece. Published by the author. Price, 75 cents.

This Text-book is well printed on good paper, and has a handsome cover. It is the first and only work published that treats of the use of trap nests authoritatively and exhaustively. The author tells how to make and install his **Ideal Trap Nests**, and how to use them for profit. He also discusses a number of subjects more or less intimately connected with the use of trap nests from his particular point of view. This book is decidedly something new and unique in poultry literature, is very interestingly written, and is well worth double its price to any poultry keeper, whether he uses trap nests or not.

The Ideal Special

The **Special** is a model Trap Nest, sold complete with the Ideal Trap Attachment, all ready to place in the pen. It is a specially constructed nest box, combining all the most desirable features in trap-nest construction. It is an elegant nest, made with no thought of competition. Sent by express, charges paid by receiver. Weight, 10 pounds. Sent in combination with any order that includes the **Plans** and **Permit**, for \$1.50 extra. Ordered alone the price is \$2.00, with no permission to copy. It is patented. Special prices on dozen lots. The nest is illustrated below.

Do not say that the Trap Nest idea is not practical and good business practice, for it is. Many of the very finest breeders of the East have taken it up as a necessity for perfect results, and scores of Coast poultrymen are now using the Ideal System extensively. Notice the advertisements of Trap-Nested Stock. It is business; it is sense. If you are after the very greatest results use the Ideal System. It is not a bother. It is a pleasure to **know that you know**, and the satisfaction and increased profit will many times offset the increased care.

The expense is not heavy. Try in a small way at first. You will soon be running hundreds of nests.

Twenty per cent more eggs with twenty per cent less hens will be what you will accomplish if your stock is not already closely culled and descended from known layers. It is one of those things that is **worth while**. You can better afford to give your fowls a few dollars' worth of food less than they really need, and spend the few dollars in getting your Trap-Nest system installed.

The Ideal has scores of customers in this state and will soon number them by fifties and hundreds.

Pertinent questions will be carefully answered.

Patented May 22, 1900, by

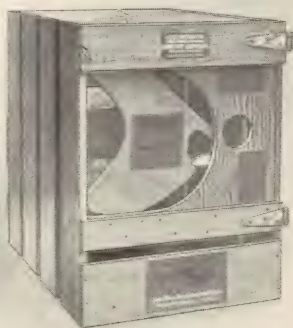
FRANK ORVILLE WELLCOME

Also covered by Letters Patent in Canada

JUBILEE INCUBATOR CO.,

SUNNYVALE, SANTA CLARA COUNTY,
CALIFORNIA

Exclusive Selling Agents and Licensed
Manufacturers for California and Utah



R P J

POULTRY BOOKS

TELL HOW TO MAKE MONEY

They are filled with the writings of eminently successful poultrymen—the recognized experts in the subjects they deal with; they explain clearly how to conduct every branch of the poultry business successfully; they give the methods, the schemes and the latest ideas in actual use by the foremost poultrymen of the world.

SUCCESS WITH POULTRY contains the successful methods of feeding, housing and mating fowls, hatching, rearing and marketing chickens, ducks, geese and turkeys followed by the most prominent poultrymen. A trust worthy guide. **Fifth Edition**, 116 pages, 105 illustrations..... **\$1.00**

ARTIFICIAL INCUBATING AND BROODING This work solves all the problems of artificial incubating and brooding. Tells how to obtain strong-germed, fertile eggs, how to operate incubators and brooders, grow the greatest percentage of chickens, etc. 92 pages of results gained from practical experience. An indispensable work. **Second Edition**, 71 illustrations..... **50c.**

BARRED, WHITE AND BUFF PLYMOUTH ROCKS Make money and save years of useless breeding by adopting the rules of mating followed by the most successful Plymouth Rock breeders of America. Specialists describe clearly and concisely their methods of mating and breeding. Three color plates—one of each variety. **Fourth Edition**, 118 pages, 3 color plates, 82 illustrations..... **50c.**

THE WYANDOTTES Tells how to mate, breed and exhibit all (6) varieties of Wyandottes. Includes the complete methods of the leading Wyandotte specialists. Numerous full-page standard charts. Handsome color plates of White and Partridge Wyandottes. **Second Edition**, 86 pages, 2 color plates, 76 illustrations..... **50c.**

THE LEGHORNS The best illustrated Standard of all varieties of the popular Leghorns. Mating schemes are described clearly for each variety. You cannot afford to be without this valuable information. Color plate of prize winning White Leghorns **Second Edition**, 78 pages, 37 illustrations..... **50c.**

ASIATICS Breeders of Brahmas, Cochins and Langshans should read this modern work. Contains the "inside" information so necessary to success and impossible to secure elsewhere. Contains standard or ideal charts of all the varieties. Color plates of Buff and Partridge Cochins. 100 pages of practical advice, 2 color plates, 72 illustrations..... **50c.**

EGGS AND EGG FARMS The most practical work published on the profitable production and marketing of eggs. A few of the money-making chapters are: how to obtain eggs in winter; how to secure strong-germed fertile eggs, pedigree-breeding to produce a heavy-laying strain, etc. **Second Edition**, 100 pages, 62 illustrations..... **50c.**

POULTRY HOUSES AND FIXTURES Shows plans of low-cost, practical and labor-saving houses, designs for all inside fixtures, such as nest boxes, roosts, drop boards, etc., also coops for young chickens, roosting coops, and all other necessary appliances. Valuable for the farmer or poultryman **Sixth Edition**, 36 pages, 64 illustrations..... **25c.**

DUCKS AND GESE Contains the actual labor saving methods followed on the great duck ranches, and by farmers who make duck and geese growing profitable branches. Gives all details of hatching, rearing, fattening and marketing geese. **Second Edition**, 68 pages, 34 illustrations..... **50c.**

TURKEYS Every detail of the turkey business is explained fully and clearly in this up-to-date and practical work. It solves comprehensively the different branches in the market and standard-bred turkey industries. Written by the world's foremost turkey growers, among whom are Mrs. Mackey, Mrs. Jones, S. B. Johnston, J. F. Crangle, W. J. Bell, B. F. Ulrey, B. F. Hislop, W. A. Moon, etc. You can make money by growing and marketing turkeys. F. L. Sewell has painted an ideal pair of Bronze Turkeys for a frontispiece. **Second Edition**, 84 pages, 1 color plate, 37 illustrations..... **50c.**

BANTAM FOWL The most complete and best illustrated Bantam book published. Mr. T. F. McGrew, judge and breeder, tells how to house, feed and grow Bantams, how to select and fit the best for the shows, how to treat their diseases. **Second Edition**, 72 pages, 74 illustrations..... **50c.**

RELIABLE POULTRY REMEDIES Points out the causes, describes the symptoms so that every one can understand them, and gives simple and tested remedies for roup, cholera, gapes, scaly-legs, and all other diseases. **Fifth Edition**, 84 pages (5 by 6 inches)..... **25c.**

Any of these books sent post-paid on receipt of price by
JUBILEE INCUBATOR COMPANY Sunnyvale, Cal.

EGGS FOR HATCHING

A SPECIAL department of the Jubilee business has been the supplying of eggs for hatching, either in settings or in incubator lots. This is the third season that we have given it special attention,—the first season witnessed the sale of some 20,000 in lots of 13 to 1,000 to each customer, the second season we sold for our customers to our customers no less than 48,000 eggs, and the coming season, judging from the inquiries we are receiving and the reputation we have established for care and judgment in securing eggs, we will surely sell to exceed 100,000 eggs. When put in Jubilees, that many eggs of our selection will produce a nice bunch of chickens, and we feel quite proud to be instrumental in thus starting scores and scores of poultrymen along the road to success.

So much depends upon the start, the first five hundred or thousand eggs that the poultryman secures that we feel a deep responsibility when filling orders. The poultryman's success depends upon his foundation stock, if that is not good he is losing money, time, and opportunity, and perhaps the disappointment will drive him from the industry, whereas, if the proper care is exercised in securing the first lot of eggs he will be encouraged and enthused to greater efforts, and his enterprise will ultimately prove both successful and satisfactory.

As we are so closely identified with the industry we are in a position to **know**, and coupled with the knowledge we have a great interest in having each customer make a success. If, for instance, he purchases an equipment of Jubilee machines and gets very poor eggs and makes a failure, becomes discouraged,—isn't it a poor advertisement for the Jubilees? We know those among our customers who are producing the finest eggs. By frequent testing we can keep close record of results, and when we offer our customers eggs for hatching they may rest assured they will be getting just what they bargain for.

If eggs are wanted to hatch for breeders the utmost care must be exercised. Eggs that are offered at a few cents above the market quotation are seldom if ever worth their price, and, on the other hand, eggs that are offered at very high prices are many times very poor. It is a question of the knowledge, the veracity, the integrity of the breeders. Great reputations sometimes sell very poor eggs; some of the finest eggs are offered by comparatively new breeders just working into the industry.

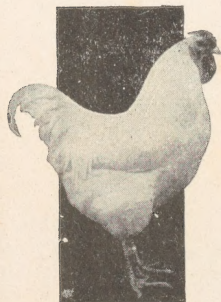
We feel that our customers will get far better values when ordering through us than when ordering direct. When we contract for 50,000 eggs from one party that party will treat us with utmost fairness, will even exceed the required quality rather than fall below. We protect the breeder, assuring him of a market; we protect the buyer, assuring him of full value every time. Pay a fair price and get a right start. In any event eggs purchased from us will cost no more than when purchased direct, and the chances are the value of eggs purchased through us will be better than when ordered from breeders.

We want your egg orders, any size, any kind. You may feel assured of full value, and your interests will be safeguarded by the Jubilee Company.

We are also in a position to supply stock, any description, any breed, for any purpose, and the Jubilee service in this direction can be depended upon just as surely as in the purchase of eggs. Stock is always a matter of correspondence. Eggs are standard.

- | | |
|---|-----------------|
| S. C. White Leghorn Eggs, Incubator Lots, thoroughly good birds | \$5.00. per 100 |
| S. C. White Leghorn Eggs, Incubator Lots, extra fine, trap-nested breeders | 6.00 per 100 |
| S. C. White Leghorn Eggs, Incubator Lots, from the very finest selected breeders, from prize winners and high-scoring birds | 7.00 per 100 |
| Barred Plymouth Rocks, Incubator Lots, from thoroughly good stock | 7.00 per 100 |
- All eggs sent by express direct from the producer to the customer. Charges paid by customer. All egg cases to be returned to shipper.

Write stating just what you want, if we can supply you we will, if we can not we will say so.



Index

A	
Alfalfa Cutters,	49, 69
Acme Powder Guns,	53
Alfalfa Meal,	56
Atomizers,	53
Automatic Feeders,	71
B	
Bone Cutters,	48
Bone Mills,	49
Bone, Granulated,	64
Bone, Flour,	64
Beef Scraps,	65
Blood Meal,	65
Books, Poultry,	78
Bands, Leg,	74, 75
Burners, Lamp,	56
Brooders, Jubilee,	25, 27-31
Bucket Spray Pumps,	51
Banner Root Choppers,	69
C	
Caponizing Instruments,	70
Chick Food,	64
Charcoal,	56
Clover Cutters,	49, 69
Conkey's Roup Cure,	53
Coal Oil for Incubators,	63
D	
Drinking Fountains,	52, 67
Death to Lice, Lambert's,	53
Dewey Stock Waterers,	71
E	
Egg Cases,	56
Egg Boxes,	72
Eggs for Hatching,	79
Eggs, Nest,	57
Egg Testers,	56, 17
Egg Trays,	15
Excelsior Poultry Netting,	59
F	
Fencing, Ideal,	61
Fencing, Union Lock,	60
Fencing, M. M. & S.,	62
Fountains,	52, 67
Flood's Roup Cure,	53
Fly Fixer, Jubilee,	55
Food Hoppers,	63
G	
Grit Mortars,	48
Grit for Poultry,	64
Golden Gate Egg Boxes,	72
Grit and Shell Boxes,	63
H	
Humphrey Bone Cutters,	48
Humphrey Grit Mortars,	48
Humphrey Clover Cutters,	49
I	
Ideal Trap Nests,	76, 77
Incubators, Jubilee,	25
Insect Powder, Lambert's,	53
Insect Powder, Standard,	58
Insect Powder, Lightning,	52
Incubator Oil,	63
J	
Jubilee Brooders,	27, 31
Jubilee Chick Food,	64
Jubilee Incubators,	25
Jubilee Poultry Journal,	73
Jubilee Poultry Spray,	54
Jubilee Lice Killer,	55
Jubilee Perfection Sprayer,	52
Jubilee Fly Fixer,	55
Jubilee Roofing,	59
Jubilee Fountains,	52, 67
Jubilee Meat Meal,	65
Jubilee Blood Meal,	65
Jubilee Bone, Granulated,	64
Jubilee Bone, Flour,	64
Jubilee Beef Scraps,	65
Jubilee Poultry Grit,	64
Jubilee Poultry Punch,	75
Jubilee Automatic Feeders,	71
L	
Lambert's Death to Lice Powder,	53
Lamps, Incubator,	15, 56
Lamps, Brooder,	15, 56
Lice Killer, Jubilee,	55
Lightning Lice Killing Machines,	52
Leg Bands,	74, 75
M	
Mills, Bone,	48
Mills, Feed,	49
Meat Choppers,	70
M. M. & S. Poultry Fencing,	62
Mann Clover Cutter,	69
Myers' Spray Pumps,	51
Model Bone Mills,	68
N	
Nests, Trap,	76, 77
Netting, Poultry,	59
Nest Eggs,	57
O	
Oats, Rolled or Ground,	56
Oyster Shells,	56
Oil for Incubators,	63
P	
"Poultry Book,"	72
Poultry Food, Standard,	57
Poultry Food, Meat,	65
Poultry Journal,	73
Poultry Punch,	75
Pumps, Spray,	50, 51, 52
Powder, Lambert's Insect,	53
Powder, Standard Insect,	58
Powder, Lightning Insect,	52
Powder Guns,	53
R	
Roofing, Jubilee Prepared,	59
Roup Cure, Conkey's,	53
Roup Cure, Flood's,	53
Root Choppers,	69
S	
Seed, Giant Green Kale,	56
Seed, Sunflower,	56
Seed, Other,	56
Shipping Coops,	56
Smith's Sealed Leg Bands,	74
Sprayers, Jubilee Perfection,	52
Standard Stock Food,	56
Standard Poultry Food,	57
Standard Insect Powder,	58
Standard Worm Powder,	58
Standard Gall Cure,	58
Standard Liniment,	58
Scales,	69
Star Washing Machines,	50
Stock Waterers, Dewey,	71
T	
Thermometers, Incubator,	56
Tobacco Stems,	56
Trap Nests, Ideal,	76, 77
U	
Union Lock Fencing,	60
W	
Wire Fencing,	60, 61, 62
Wire Netting,	59
Wicks, Lamp,	56
Whitewashing Machines,	50, 51
Wheel Barrows,	69
Worm Powder, Standard,	58
Z	
Zinkets,	67

